

Products

Enzymes for Research, Diagnostic and Industrial Use

Home / Enzymes

Products

- Enzymes ^
- Applications ^
- Biological Functions ^
- Catalytic Mechanism ^
- Featured Products
- Extracts ^
- Probiotics ^
- Zymogens
- Coenzymes
- Enzyme Protectant & Stabilizer
- Others ^
- Nanozymes ^
- Custom Blends ^
- Bacteriophages

Online Inquiry

Name

Email *

Phone *

Company/Institution

Enzymes

[Inquiry](#)
[Product Overview](#)
[Products List](#)
[Browse Products by Applications](#)
[Browse Products by Biological Functions](#)
[Browse Products by Catalytic Mechanism](#)
[Browse Products by Featured Products](#)

Creative Enzymes is at the forefront of providing high-quality enzyme products tailored to meet the needs of various industries and research fields. Our extensive range of enzyme solutions is designed to enhance efficiency, sustainability, and innovation. We invite you to explore our comprehensive enzyme offerings categorized by application, biological function, catalytic mechanism, and featured products.

1 Enzymes by Applications

1.1 Enzymes for Industrial Use

Enzymes for Agriculture, Biomass, and Biofuels

In the agricultural sector, enzymes such as cellulases and amylases are crucial for improving crop yield and soil health. Biomass conversion and biofuel production also benefit from our advanced enzyme solutions, enhancing the efficiency of converting raw materials into renewable energy.

Enzymes for Chemical Processing

Enzymes like esterases and transaminases serve as biocatalysts in chemical processing, offering eco-friendly alternatives to traditional chemical reactions. These enzymes facilitate the synthesis of fine chemicals and pharmaceuticals, reducing environmental impact and operational costs.

Enzymes for Environment and Waste Management

Creative Enzymes provides specialized enzymes such as lipases and proteases to enhance waste degradation and treatment. Our enzyme solutions support efficient waste management practices, promoting environmental sustainability and compliance with regulatory standards.

Enzymes for Food and Beverage Applications

Our food-grade enzymes, including amylases, proteases, and lipases, play a vital role in improving the quality, consistency, and nutritional value of food and beverage products. These enzymes are essential in processes such as baking, brewing, dairy production, and juice clarification.

Enzymes for Health, Diet, and Nutrition

Enzymes are responsible for digestion, absorption, metabolism, energy. Vitality of every cell in our body is dependent on enzymes, which help us consume 45 foundational nutrients. Creative Enzymes provides the highest-quality enzymes for health and nutrition.

Enzymes for Detergents and Cleaning Agents

We offer a range of enzymes designed for household products, such as detergents and cleaning agents. Enzymes like proteases and cellulases improve cleaning efficacy while reducing the need for harsh chemicals, promoting a safer and more sustainable home environment.

Enzymes for Animal Feed & Pet Food

Our enzyme solutions for animal feed and pet food enhance nutrient absorption and digestive health in animals. Enzymes such as phytases and proteases improve the nutritional value of feed, supporting the growth and well-being of livestock and pets.

Enzymes for Textiles

Enzymes like cellulases and pectinases are integral to the textile industry, providing environmentally friendly alternatives to traditional chemical treatments. Our enzyme solutions improve fabric quality, reduce water and energy consumption, and minimize the use of harmful chemicals.

Company/Institution

Country or Region

Please select.....

Quantity

Sample Size

Services & Products Interested *

Enzymes

Project Description

Project Description

SUBMIT

Our Products Cannot Be Used As Medicines Directly For Personal Use.



Welcome! For price inquiries, please feel free to contact us through the form on the left side. We will get back to you as soon as possible.

Enzymes for Leather Processing

In the leather industry, enzymes such as proteases and lipases streamline processing steps, enhance leather quality, and reduce environmental impact. Our enzyme products support cleaner, more efficient leather processing methods.

Enzymes for Pulp & Paper

Our enzyme solutions for the pulp and paper industry include xylanases and cellulases, which aid in bleaching, deinking, and fiber modification. These enzymes contribute to improved paper quality, reduced chemical usage, and lower energy consumption.

1.2 Enzymes for Research & Diagnostic Use

Enzymes for Coronavirus Nucleic Acid Test

Creative Enzymes provides high-purity enzymes essential for accurate and reliable coronavirus nucleic acid testing. Our enzyme products support rapid and precise diagnostic processes.

Enzymes for Diagnostic and Bioanalysis

Our diagnostic enzymes, such as glucose oxidase and peroxidase, are designed for use in biosensors, immunoassays, and other diagnostic tools. These enzymes ensure accurate and consistent results, supporting disease detection and monitoring.

Enzymes for Antibody Research

We offer enzymes that facilitate antibody research, including proteases and glycosidases. These enzymes are crucial for antibody purification, modification, and analysis, advancing immunological research and therapeutic development.

Enzyme Libraries

Creative Enzymes provides extensive enzyme libraries for high-throughput screening and drug discovery. Our diverse enzyme collections support research in various fields, enabling the identification of novel biocatalysts and therapeutic targets.

Enzymes for Oncology and Thrombus Treatment

Our enzyme solutions for oncology and thrombus treatment include proteases and hyaluronidases, which play key roles in cancer research and thrombolytic therapy. These enzymes support the development of targeted treatments and diagnostic tools.

Enzymes for Cell Biology

We provide a range of enzymes for cell biology research, including nucleases and polymerases. These enzymes are essential for molecular cloning, gene expression studies, and cellular metabolism research.

Custom Enzymes

Creative Enzymes offers custom enzyme development services to meet specific research and industrial needs. Our team of experts collaborates with clients to design and produce tailored enzyme solutions that address unique challenges and applications.

2 Enzymes by Biological Functions

Cellulases

Cellulases are essential for the hydrolysis of cellulose into glucose. These enzymes are widely used in industries such as biofuels, textiles, and paper, contributing to the efficient breakdown of plant biomass and improving product quality.

Chitinases

Chitinases degrade chitin, a major component of fungal cell walls and insect exoskeletons. These enzymes are used in agriculture for biopesticide development, as well as in pharmaceuticals and biotechnology for various applications.

Lipases

Lipases catalyze the hydrolysis of fats and oils into glycerol and fatty acids. They are widely used in the food industry, household products, and biodiesel production, offering versatile solutions for fat and oil processing.

Proteases

Proteases break down proteins into peptides and amino acids. These enzymes have diverse applications in food processing, detergents, leather, and pharmaceuticals, improving product functionality and efficiency.

Amylases

Amylases hydrolyze starch into sugars, playing a crucial role in industries such as food and beverage, textiles, and paper. These enzymes enhance processes like brewing, baking, and fabric desizing.

3 Enzymes by Catalytic Mechanism

Translocases

Translocases are enzymes that assist in the movement of molecules across membranes. These enzymes are important for cellular transport processes and have applications in research and biotechnology.

Transferases

Transferases catalyze the transfer of functional groups between molecules. These enzymes are essential for biochemical synthesis and modification processes in various industries, including pharmaceuticals and food.

Hydrolases

Hydrolases facilitate the hydrolysis of chemical bonds. This category includes proteases, lipases, and amylases, which are widely used in industrial and research applications for breaking down complex molecules.

Lyases

Lyases catalyze the addition or removal of groups to form double bonds. These enzymes are involved in metabolic processes and are used in research and industrial applications for their catalytic versatility.

Isomerases

Isomerases catalyze the rearrangement of atoms within a molecule. These enzymes are crucial for metabolic pathways and have applications in biotechnology and pharmaceutical research.

Ligases

Ligases facilitate the joining of two molecules by forming a new chemical bond. These enzymes are essential for DNA replication and repair, making them vital tools in molecular biology and genetic engineering.

Oxidoreductases

Oxidoreductases catalyze oxidation-reduction reactions, playing key roles in metabolic processes. These enzymes are used in research, diagnostics, and industrial applications for their ability to mediate redox reactions.

4 Featured Products

Creative Enzymes offers a selection of featured products that highlight our most innovative and high-demand enzyme solutions. These products represent the cutting edge of enzyme technology, providing superior performance and reliability for various applications.

Creative Enzymes is committed to providing exceptional enzyme products and services to drive innovation and efficiency across diverse industries and research fields. Our expertise, extensive product catalog, and dedication to customer satisfaction make us your trusted partner for enzyme solutions. Discover the power of enzymes with Creative Enzymes and elevate your processes and products to new heights.

CREATIVE ENZYMES

Creative Enzymes uses its expertise in enzyme manufacturing to supply customers with enzymes used for life science research and production of medicines, food, alcohol, beer, fruit juice, fabric, paper, leather goods, etc

PRODUCTS

Enzymes
Extracts
Probiotics

SERVICES

Enzyme Discovery
Experiment Consulting and Design
Service

CONTACTS

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-enzymes.com
Tel: 1-631-562-8517 1-516-512-3133

