

Creative Enzymes®

Recombinant Human Hyaluronidase PH20

Catalog Number NATE-1923

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Description

Recombinant Human Hyaluronidase PH20 belongs to a family of enzymes that catalyze the degradation of hyaluronic acid (HA). The enzyme is effective to hyaluronic acid in the extracellular matrix (ECM) and promote the diffusion of extracellular substances.

Product Information

Cat No. NATE-1923

EC No. EC 3.2.1.35

CAS No. 37326-33-3

Species: Human

Source: CHO

Purity: > 95%

Activity: 53,200 IU/mg

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method

Storage: -20 °C

Control Tests: Laboratory of QC

Appearance: Colorless to pale yellow clear liquid, must not contain visible insoluble matter.

Highlights

Creative Enzymes® Hyaluronidase PH20 shows several advantages over similar products on the market:

	Creative Enzymes® HAase PH20	Similar Products on the Market
Species	Human	Animal
Source	CHO cell	Testis
Technology	Recombinant DNA	Extraction
Purity	> 95%	Low

Applications

Pharmaceutical Preparations

- Hyaluronidase promotes the drug to break through the physical barrier of the extracellular matrix to achieve subcutaneous administration. Hyaluronidase is clinically used as a drug penetrant to promote drug absorption.

Tumor Microenvironment

- Recombinant human hyaluronidase was introduced to target HA in the tumor microenvironment to treat tumors.

Gene Therapy

- The use of hyaluronidase opens channels in the extracellular matrix, thereby enhancing the delivery of gene therapy.

Note: Our products are not intended for private therapeutic use!

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Contact Information

