

## Recombinant Human Hyaluronidase PH20

Cat. No. NATE-1923

Lot. No. (See product label)

### Introduction

#### Description

Recombinant Human Hyaluronidase (PH20) belongs to a family of enzymes that catalyze the degradation of hyaluronic acid and can degrade hyaluronic acid in the extracellular matrix and promote the diffusion of extracellular substances.

### Product Information

<b>Species</b>	Human
<b>Source</b>	CHO
<b>Form</b>	Liquid in sterile 20mM PB, 300mM NaCl, 0.1mM EDTA, 0.1mM CaCl <sub>2</sub> , pH6.8.
<b>EC Number</b>	EC 3.2.1.35
<b>CAS No.</b>	37326-33-3
<b>Molecular Weight</b>	The protein has a calculated MW of 51 kDa. The protein migrates as 60 kDa under reducing condition (SDS-PAGE) due to glycosylation.
<b>Purity</b>	> 95%
<b>Activity</b>	53,200 IU/mg
<b>Endotoxin Level</b>	< 0.1 EU per µg of the protein as determined by the LAL method.
<b>Unit Definition</b>	One unit will cause a change in A <sub>600nm</sub> of 0.330 per minute at pH 5.7 at 37 °C.

### Storage and Shipping Information

<b>Storage</b>	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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