

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

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

Storage and Shipping Information

Storage 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.