Creative Enzymes®

Native Streptomyces hyalurolyticus Hyaluronidase

Cat. No. NATE-0349

Lot. No. (See product label)

Introduction

Description	Hyaluronidase degrades hyaluronan and has been found to be inappropriately regulated during cancer progression. These enzymes randomly cleave β-N-acetylhexosamine-[1→4] glycosidic bonds in hyaluronic acid, chondroitin, and chondroitin sulfates.
Synonyms	hyaluronoglucosaminidase; hyaluronidase; hyaluronoglucosidase; chondroitinase; chondroitinase I; hyaluronate 4-glycanohydrolase; EC 3.2.1.35; 37326-33-3

Product Information

Source	Streptomyces hyalurolyticus
Form	lyophilized powder
EC Number	EC 3.2.1.35
CAS No.	37326-33-3
Activity	Type I, > 1,500 units/mg solid; Type II, > 300 units/mg solid.
Unit Definition	One unit will cause a change in A600 of 0.330 per minute at pH 5.7 at 37°C in a 2.0 ml reaction mixture (45 minute assay).

Usage and Packaging

Package	ampule of 300 × units

Storage and Shipping Information

Storage	−20°C