

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 \rightarrow 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 \times units

Storage and Shipping Information

Storage

-20°C