

hyaluronate lyase

Cat. No. EXWM-5084

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses the degradation of hyaluronan by a β -elimination reaction. Also acts on chondroitin. The product is more systematically known as 3-(4-deoxy- α -L-threo-hex-4-enopyranosyluronic acid)-2-acetamido-2-deoxy-D-glucose

Synonyms

hyaluronidase (ambiguous); glucuronoglycosaminoglycan lyase (ambiguous); spreading factor; mucinase (ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.2.2.1

CAS No.

37259-53-3

Reaction

Cleaves hyaluronate chains at a β -D-GlcNAc-(1 \rightarrow 4)- β -D-GlcA bond, ultimately breaking the polysaccharide down to 3-(4-deoxy- β -D-gluc-4-enuronosyl)-N-acetyl-D-glucosamine.

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.