Creative Enzymes®

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→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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.