

Hyaluronate Lyase from Streptococcus pyogenes, Recombinant

Cat. No. NATE-0346

Lot. No. (See product label)

Introduction

Description

Hyaluronate lyase degrades hyaluronate using an elimination reaction to break glycosidic linkages yielding unsaturated disaccharide products. It is important for the diffusion of toxins and proteins produced by *S. pyogenes*.

Synonyms

hyaluronidase; glucuronoglycosaminoglycan lyase; spreading factor; mucinase; 37259-53-3; EC 4.2.2.1; hyaluronate lyase

Product Information

Species

Streptococcus pyogenes

Source

E. coli

Form

ammonium sulfate suspension

EC Number

EC 4.2.2.1

CAS No.

37259-53-3

Activity

> 8.0 units/mg protein (5.0-15.0 mg/mL)

Unit Definition

1 U corresponds to the amount of enzyme which liberates 1 μ mol unsaturated disaccharides per minute at pH 6.0 and 37°C from hyaluronic acid.

Storage and Shipping Information

Storage

2-8°C