

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