

Heparin lyase from *Bacteroides thetaiotaomicron*, Recombinant

Cat. No. NATE-1549

Lot. No. (See product label)

Introduction

Description

Heparin lyase is an enzyme from *Bacteroides thetaiotaomicron* that acts on polysaccharides containing glucuronate or iduronate residues and 1,4- α linked 2-sulfoamino-2-deoxy-6-sulfo-D-glucose residues.

Synonyms

Heparin eliminase; Heparinase; EC 4.2.2.7

Product Information

Species

Bacteroides thetaiotaomicron

Source

E. coli

Form

35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl₂, 0.02% sodium azide and 25% (v/v) glycerol

EC Number

EC 4.2.2.7

CAS No.

9025-39-2

Purity

>90% as judged by SDS-PAGE

Concentration

1 mg/mL

Optimum pH

6.7-7.3

Optimum temperature

37 °C

Specificity

Heparin via β -elimination

Storage and Shipping Information

Storage

This enzyme is shipped at room temperature but should be stored at -20 °C.