

Heparin-sulfate lyase from *Bacteroides thetaiotaomicron*, Recombinant

Cat. No. NATE-1550

Lot. No. (See product label)

Introduction

Description Heparin-sulfate lyase is an enzyme from *Bacteroides thetaiotaomicron* that acts on linkages between acetyl-glucosamine and uronate.

Synonyms heparin-sulfate eliminase; heparitin-sulfate lyase; heparitinase I; heparitinase II; EC 4.2.2.8

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 4.2.2.8

CAS No. 37290-86-1

Molecular Weight 76.7 kDa

Purity >90% as judged by SDS-PAGE

Concentration 1 mg/mL

Optimum pH 7

Optimum temperature 37 °C

Specificity Heparan sulfate (HS) polysaccharides

Storage and Shipping Information

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