

Native *Flavobacterium heparinum* Heparinase II

Cat. No. NATE-0339

Lot. No. (See product label)

Introduction

Description Heparin-degrading lyase that recognizes heparin sulfate proteoglycan as its primary substrate. Heparinase I and III plays vital role in various biological processes: modulate cell-growth factor interactions, cell-lipoprotein interactions, neovascularization. It cleaves highly sulphated polysaccharide chains in presence of 2-O-sulfated α -L-idopyranosyluronic acid and β -D-glucopyranosyluronic acid residues of polysaccharides.

Synonyms Heparinase; Heparin lyase II; Heparinase II; 149371-12-0

Product Information

Source *Flavobacterium heparinum*

Form Lyophilized powder stabilized with approx. 25% bovine serum albumin

CAS No. 149371-12-0

Molecular Weight mol wt 84.1 kDa

Activity > 100 units/mg protein (enzyme + BSA)