

## 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  $\alpha$ -L-idopyranosyluronic acid and  $\beta$ -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)