Creative Enzymes®

Δ-4,5-unsaturated β-glucuronyl hydrolase 88A from Pedobacter heparinus, Recombinant

Cat. No. NATE-1529

Lot. No. (See product label)

Introduction

Description	Catalysis of the hydrolysis of the glycosidic bond in an unsaturated saccharide between the unsaturated glucuronyl residue at the nonreducing terminus and the saccharide linked to the residue.
Synonyms	d-4,5 unsaturated beta-glucuronyl hydrolase; EC 3.2.1.-; unsaturated beta-glucuronyl hydrolase

Product Information

Species	Pedobacter heparinus
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 3.2.1.-
Molecular Weight	45.7 kDa
Purity	>90% as judged by SDS-PAGE
Concentration	1 mg/mL
Optimum pH	5.0-6.0
Optimum temperature	30 °C
Specificity	Heparin/heparan sulfate

Storage and Shipping Information

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