

Heparinase I

Catalogue no:	AMS.HEP-ENZ I BU	Quantity:	2.0 IU
	AMS.HEP-ENZ I BU2	Quantity:	5.0 IU
	AMS.HEP-ENZ I BU4	Quantity:	20.0 IU
Unit of Activity:	1 umol per minute at 25 °C using bovine kidney HS as substrate. Activity determined by increase in A232nm.		
Specificity:	Depolymerises heparin by elimination at the uronic acid. Specific for 2-O-/2-N- sites.		
Appearance:	Supplied as frozen solution containing 0.2% BSA, 0.22um sterile filtered.		
Origin:	<i>Flavobacterium heparinum ATCC 13125</i>		
Manufacturing Process and Refs:	Growth of bacterium: McLean, M.W. <i>et al.</i> (1984) <i>Eur. J. Biochem.</i> 145, 607-615. Purification by further chromatography. Final product 0.22-um sterile filtered and stored at -60 °C.		
Impurities:	Chondroitinase B, nominally 0.3% max, other enzymes nominally 0.1% max. Base line resolution from the other two heparinases.		
Toxicity and Hazards:	We are not aware of any toxicity associated with this product. In common with good laboratory practice the material should only be handled by qualified personnel trained in laboratory procedures and familiar with potential hazards. These products are not intended for human consumption, drug use or any form of human experimentation.		
Applications:	Biological, biochemical and biophysical laboratory research		
Storage:	Store frozen at -80 degrees Celsius upon receipt. Avoid repeated freeze-thawing. Stock solutions should be prepared in appropriate aliquots and stored frozen at -80 degrees Celsius		
Warranties:	amsbio warrants that its products shall conform to the description of such products as provided in our catalogue. This warranty is exclusive, and seller makes no other warranty, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose. See 'terms and conditions' for further warranty information.		

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