

Heparinase II

Catalogue no:	HEP-ENZ II
Unit of Activity:	1 umol per minute at 25°C using commercial porcine heparin as substrate. Activity determined by increase in reducing power.
Specificity:	Depolymerises heparin and heparan sulphate by elimination at the uronic acid. Very broad specificity, a small but significant number of totally resistant sites in both heparin and heparan sulphate.
Quantity:	0.25, 0.5, 1.0, and 2.0 IU
Appearance:	Supplied as frozen solution containing 0.2% BSA, 0.22um sterile filtered.
Origin:	<i>Flavobacterium heparinum</i> ATCC 13125
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:	Other enzymes nominally 0.1% max. Baseline resolution from the other heparinases.
Toxicity and Hazards:	<p>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.</p> <p>These products are not intended for human consumption, drug use or any form of human experimentation.</p>
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
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