

## Heparinase II

Catalogue no:	AMS.HEP-ENZ II-S	Quantity:	0.10 IU
	AMS.HEP-ENZ II	Quantity:	0.25 IU
	AMS.HEP-ENZ II BU	Quantity:	0.50 IU
	AMS.HEP-ENZ II BU2	Quantity:	1.00 IU
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 sulfate by elimination at the uronic acid. Very broad specificity, a small but significant number of totally resistant sites in both heparin and heparan sulfate.		
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:	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.		

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)

 **UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, UK  
T: +44 (0)1235 828 200  
F: +44 (0) 1235 820 482

 **North America**  
1035 Cambridge Street,  
Cambridge, MA 02141  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218

 **Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880

 **Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85