



Product Information

Heparinase I from *Flavobacterium heparinum*

Cat. No.: XGB645

Size: 50 units; 100 units; 250 units

MDL: MFCD00131317

CAS Number: 9025-39-2

Enzyme Commission Number: 4.2.2.7

NACRES: NA.54

Synonym: Heparin lyase I, Heparinase

This product is for research use only and is not intended for diagnostic use.

Product Information

Molecular Weight	42.8 kDa
Unit Definition	One unit will form 0.1 μ mole of unsaturated uronic acid per hr at pH 7.5 at 25 °C. One International Unit (I.U.) is equivalent to approx. 600 units.
Form	lyophilized solid
Purity	Lyophilized powder stabilized with approx. 25% bovine serum albumin, \geq 200 units/mg protein (enzyme + BSA)
Quality Level	200
Applications	Heparinase I from <i>Flavobacterium heparinum</i> has been used to: • Research the effects of culture media, washing solutions and ultrasonic treatment on the infectivity of <i>Chlamydia pneumoniae</i> • in enzymatic removal of heparan sulfate from the surface of human rhabdomyosarcoma cells.
Storage	-20 °C

Safety Information

Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
WGK Germany	WGK 3