

Heparanase-1 Human Recombinant

Item Number	rAP-1152
Synonyms	Heparanase, HPA, HSE1, HPA1, HPR1, HPSE1, heparanase-1, EC 3.2.1.166, Endo-glucuronidase, HEP, Heparanase-1, Hpa1.
Description	HPSE Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 531 amino acids (36-543 a.a) and having a molecular mass of 60kDa. HPSE is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	Q9Y251
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQDVVDLD FFTQEPLHLV SPSFLSVTID ANLATDPRFL ILLGSPKLRT LARGLSPAYL RFGGKTDFL IFDPKKESTF EERSYWQSQV NQDICKYGSI PPDVEEKLRL EWPYQEQLLL REHYQKKFKN STYSRSSVDV LYTFANCSGL DLIFGLNALL RTADLQWNSS NAQLLLDYCS SKGYNISWEL GNEPNSFLKK ADIFINGSQL GEDFIQLHKL LRKSTFKNAK LYGPDVGQPR RKTAKMLKSF LKAGGEVIDS VTWHHYLNG RTATKEDFLN PDVLDIFISS VQKVFQWVES TRPGKVVWLG ETSSAYGGGA PLLSDTFAAG FMWLDKLGSL ARMGIEVVMR QVFFGAGNYH LVDENFDPLP DYWLSLLFKK LVGTVKVLMS VQGSKRRKLR VYLHCTNTDN PRYKEGDLTL YAINLHNVTK YLRLPYPFSN KQVDKYLLRP LGPHGLLSKS VQLNGLTLKM VDDQTLPLM EK-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Formulation and Purity	HPSE protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**