

Product datasheet for **AR51384PU-N**

Heparanase / HPSE (36-543, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Heparanase / HPSE (36-543, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSQDWDLD</u> FFTQEPLHLV SPSFSLVTID ANLATDPRFL ILLGSPKLRT LARGLSPAYL RFGGTKTDFL IFDPKKESTF EERSYWQSQV NQDICKYGSI PPDVEEKLRL EWPYQEQLL REHYQKKFKN STYSRSSVDV LYTFANCSGL DLIFGLNALL RTADLQWNSS NAQLLLDYCS SKGYNISWEL GNEPNSFLKK ADIFINGSQL GEDFIQLHLK LRKSTFKNAK LYGPDVGQPR RKTAKMLKSF LKAGGEVIDS VTWHHYLNG RTATKEDFLN PDVLDIFISS VQKVFQWVES TRPGKKVWLG ETSSAYGGGA PLLSDTFAAG FMWLDKLGSL ARMGIEVVMR QVFFGAGNYH LVDENFDPLP DYWLSLLFKK LVGTVLMS VQGSKRRKLR VYLHCTNTDN PRYKEGDLTL YAINLHNVTK YLRLPYPSN KQVDKYLRLP LGPHGLLSKS VQLNGLTLKM VDDQTLPLM EKPLRPGSSL GLPAFSYSFF VIRNAKVAAC I
Tag:	His-tag
Predicted MW:	60.0 kDa
Concentration:	lot specific
Purity:	>85% pure by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human HPSE protein, fused to <i>His-tag</i> at N-terminus, was expressed in <i>E.coli</i> .
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001092010</u>
Locus ID:	10855
UniProt ID:	<u>Q9Y251</u>



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Cytogenetics: 4q21.23

Synonyms: HPA; HPA1; HPR1; HPSE1; HSE1

Summary: Heparan sulfate proteoglycans are major components of the basement membrane and extracellular matrix. The protein encoded by this gene is an enzyme that cleaves heparan sulfate proteoglycans to permit cell movement through remodeling of the extracellular matrix. In addition, this cleavage can release bioactive molecules from the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Protein Families: Secreted Protein

Protein Pathways: Glycosaminoglycan degradation, Metabolic pathways

Product images:

