

Recombinant Full Length Human HPSE2 Protein, GST-tagged

Cat. No. HPSE2-3638HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HPSE2 full-length ORF (BAG37297.1, 1 a.a. - 592 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	592 amino acids
Description	This gene encodes a heparanase enzyme. The encoded protein is a endoglycosidase that degrades heparin sulfate proteoglycans located on the extracellular matrix and cell surface. This protein may be involved in biological processes involving remodeling of the extracellular matrix including angiogenesis and tumor progression. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]
Molecular Mass	91.52 kDa
AA Sequence	MRVLCAPPEAMPSSNSRPPACLAPGALYLALLHLSSLSSQAGDRRPLPVDRAAGLK EKTLLLDVSTKNPVRTVNENFLSLQLDPSIVHDGWLDLSSKRLVTLARGLSPAFLR FGGKRDFLQFQNLRNPAKSRRGGPGPDYYLKNYEDDIVRSDVALDKQKGCKIAQHP DVMLELQREKAAQMHLVLLKEQFSNTYSNLILTARSLDKLYNFADCSGLHLIFALNAL RRNPNNSWNSSALSLLKYSASKKYNISWELGNEPNNYRTMHGRAVNGSQLGKDY IQLKSLLQPIRIYSRASLYGPNIGRPRKNVIALLDGFMKVAGSTVDAVTWQHICYIDGR VVKVMDFLKTRLLDTLSDQIRKIQKVNTYTPGKKIWLEGVVTTSSAGGTNNLSDSYAA

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GFLWLNTLGMLANQGIDVVIRHSFFDHGYNHLVDQNFNPLPDYWLSLLYKRLIGPKV
LAVHVAGLQRKPRPGRVIRDKLRIYAHCTNHHNNHNYVRGSITLFIINLHRSRKKIKLAG
TLRDKLVHQYLLQPYGQEGLKSKSVQLNGQPLVMVDDGTLPELKPRPLRAGR TLVIP
PVTMGFYVVKNVNALACRYR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name HPSE2 heparanase 2 (inactive) [Homo sapiens (human)]

Official Symbol HPSE2

Synonyms HPSE2; heparanase 2 (inactive); UFS; HPA2; HPR2; UFS1; inactive heparanase-2; heparanase 3; heparanase-like protein

Gene ID 60495

mRNA Refseq NM_001166244

Protein Refseq NP_001159716

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MIM	613469
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UniProt ID	Q8WWQ2
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