

Recombinant Human HPSE2 Protein, GST-tagged

Cat. No. HPSE2-5020H **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	Wheat Germ
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 EKTLILLDVSTKNPVRTVNENFLSLQLDPSIVHDGWLDLSSKRLVTLARGLSPAFLR FGGKRDFLQFQNLRNPAKSRGGPGPDYYLKNYEDDIVRSDVALDKQKGCKIAQHP DVMLELQREKAAQMHLVLLKEQFSNTYSNLILTARSLDKLYNFADCSGLHLIFALNAL RRNPNNSWNSSALSLLKYSASKKYNISWELGNEPNNYRTMHGRAVNGSQLGKDY IQLKSLLQPIRIYSRASLYGPNIGRPRKNVIALLDGFMKVAGSTVDAVTWQHICYIDGR VVKVMDFLKTRLLDTLSDQIRKIQKVNTYTPGKKIWLEGVVTTTSAGGTNNLSDSYAA GFLWLNTLGMLANQGIDVVIRHSFFDHGYNHLVDQNFNPLPDYWLSLLYKRLIGPKV

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LAVHVAGLQRKPRPGRVIRDKLRIYAHCTNHHNNHYVRGSITLFIINLHRSRKKIKLAG
TLRDKLVHQYLLQPYGQEGGLKSKSVQLNGQPLVMVDDGTLPELKPRPLRAGRTLVIP
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

MIM

613469

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UniProt ID

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