Recombinant Human HPSE2 Protein, His-tagged

Cat. No. HPSE2-1037H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPSE2 Protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	41-592 aa
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.
Form	Sterile PBS, pH7.4, 0.2 % SKL
AASequence	AGDRRPLPVDRAAGLKEKTLILLDVSTKNPVRTVNENFLSLQLDPSIIHDGWLDFLSS KRLVTLARGLSPAFLRFGGKRTDFLQFQNLRNPAKSRGGPGPDYYLKNYEDDIVRS DVALDKQKGCKIAQHPDVMLELQREKAAQMHLVLLKEQFSNTYSNLILTARSLDKLY NFADCSGLHLIFALNALRRNPNNSWNSSSALSLLKYSASKKYNISWELGNEPNNYRT MHGRAVNGSQLGKDYIQLKSLLQPIRIYSRASLYGPNIGRPRKNVIALLDGFMKVAGS TVDAVTWQHCYIDGRVVKVMDFLKTRLLDTLSDQIRKIQKVVNTYTPGKKIWLEGVV TTSAGGTNNLSDSYAAGFLWLNTLGMLANQGIDVVIRHSFFDHGYNHLVDQNFNPL PDYWLSLLYKRLIGPKVLAVHVAGLQRKPRPGRVIRDKLRIYAHCTNHHNHNYVRGS ITLFIINLHRSRKKIKLAGTLRDKLVHQYLLQPYGQEGLKSKSVQLNGQPLVMVDDGT

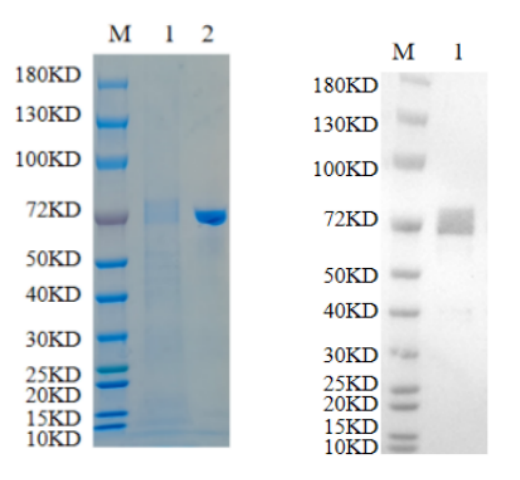
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	LPELKPRPLRAGRTLVIPPVTMGFYVVKNVNALACRYRGGGCCPGCCGGSGHHHHHHHHHH
Purity	> 70 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.23 mg/mL by BCA

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_021828
Protein Refseq	NP_068600
MIM	613469
UniProt ID	Q8WWQ2

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SDS-PAGE and WB	 Reducing 4 %-20 % SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified HPSE2. 1. HPSE2: 1 μg 2. BSA: 1 μg

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