Recombinant Human ADAMTS5 protein, His-tagged

Cat. No. ADAMTS5-3533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS5 protein(417-558 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	417-558 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

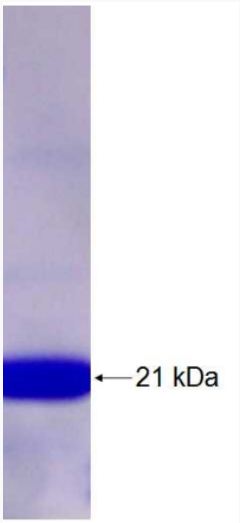
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AA Sequence	GLSHDDSKFCEETFGSTEDKRLMSSILTSIDASKPWSKCTSATITEFLDDGHGNCLLD LPRKQILGPEELPGQTYDATQQCNLTFGPEYSVCPGMDVCARLWCAVVRQGQMVC LTKKLPAVEGTPCGKGRICLQGKCVDKTK

GENE INFORMATION

Gene Name	ADAMTS5 ADAM metallopeptidase with thrombospondin type 1 motif, 5 [Homo sapiens]
Official Symbol	ADAMTS5
Synonyms	ADAMTS5; ADAM metallopeptidase with thrombospondin type 1 motif, 5; a disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase 2); A disintegrin and metalloproteinase with thrombospondin motifs 5; ADAMTS11; ADMP 2; aggrecanase 2; aggrecanase-2; a disintegrin and metalloproteinase with thrombospondin motifs 11; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2); ADMP-2; ADAM-TS5; ADAMTS-5; ADAM-TS 5; ADAMTS-11; ADAM-TS 11;
Gene ID	11096
mRNA Refseq	NM_007038
Protein Refseq	NP_008969
MIM	605007
UniProt ID	Q9UNA0

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SDS-PAGE	

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