

Recombinant Human ADAMTS14 protein, GST-tagged

Cat. No. ADAMTS14-2422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS14 protein(1086-1223 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1086-1223 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, 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	HRLCCVSCIKKASGPNPGDPGPTSLPPFSTPGSPLPGPQDPADAAEPPGKPTGSE DHQHGRATQLPGALDTSSPGTQHPPFAPETPIPGASWSISPTTPGGLPWGWTQTPT PVPEDKGQPGEDLRHPGTSLPAASPV
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GENE INFORMATION

Gene Name	ADAMTS14 ADAM metalloproteinase with thrombospondin type 1 motif, 14 [Homo sapiens]
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Official Symbol	ADAMTS14
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Synonyms	ADAMTS14; ADAM metalloproteinase with thrombospondin type 1 motif, 14; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 14; A disintegrin and metalloproteinase with thrombospondin motifs 14; ADAM-TS14; ADAMTS-14; ADAM-TS 14; metalloproteinase-disintegrin protease; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 14; FLJ32820;
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Gene ID	140766
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mRNA Refseq	NM_080722
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Protein Refseq	NP_542453
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MIM	607506
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UniProt ID	Q8WXS8
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SDS-PAGE

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