

Recombinant Human ADAMTS4 protein, His-tagged

Cat. No. ADAMTS4-3636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS4 protein(48-159 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	48-159 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	SARLASPLPREEEIVFPEKLNGSVLPGSGAPARLLCRLQAFGETLLLELEQDSGVQV EGLTVQYLGQAPELLGGAEPGTYLGTINGDPESVASLHWDGGALLGVLQYRGAE
Purity	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	ADAMTS4 ADAM metallopeptidase with thrombospondin type 1 motif, 4 [Homo sapiens]
Official Symbol	ADAMTS4
Synonyms	ADAMTS4; ADAM metallopeptidase with thrombospondin type 1 motif, 4; a disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4; A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAMTS 2; ADMP 1; KIAA0688; ADAM-TS4; ADAM-TS 4; aggrecanase-1; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4; ADMP-1; ADAMTS-2; ADAMTS-4;
Gene ID	9507
mRNA Refseq	NM_005099
Protein Refseq	NP_005090
MIM	603876
UniProt ID	O75173

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