

Recombinant Human ADAMTS4 protein, GST-tagged

Cat. No. ADAMTS4-3744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS4 protein(48-159 aa), fused to GST 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	SARLASPLPREEEIVFPEKLNGSVLPGSGAPARLLCRLQAFGETLLLELEQDSGVQV EGLTVQYILGQAPELLGGAEPGTLYLTGTINGDPESVASLHWDGGALLGVLQYRGAE
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA