

Recombinant Human ADAMTS7 protein, GST-tagged

Cat. No. ADAMTS7-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS7(1589 a.a. - 1686 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1589 a.a. - 1686 a.a.
Description	This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and the transmembrane 4 superfamilies of signaling molecules. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 16. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.52 kDa
AA Sequence	VQRRLVKCVNTQTGLPEEDSDQCGHEAWPESSRPCGTEDCEPVEPPRCERDRLSF GFCETLRLLLGRCQLPTIRTQCCRSCSPPSHGAPSRGHQRVARR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

 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

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	ADAMTS7 ADAM metalloproteinase with thrombospondin type 1 motif, 7 [Homo sapiens]
Official Symbol	ADAMTS7
Synonyms	ADAMTS7; ADAM metalloproteinase with thrombospondin type 1 motif, 7; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 7; A disintegrin and metalloproteinase with thrombospondin motifs 7; a disintegrin and metalloproteinase with thrombospondin motifs 7 preproprotein; ADAM TS7; COMPase; DKFZp434H204; a disintegrin and metalloproteinase with thrombospondin motifs-7 preproprotein; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 7; ADAM-TS7; ADAMTS-7; ADAM-TS 7;
Gene ID	11173
mRNA Refseq	NM_014272
Protein Refseq	NP_055087
MIM	605009
UniProt ID	Q9UKP4
Chromosome	15pter-qter

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Location**Function**

metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding;

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