

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 | VQRRLVKCVNTQTGLPEEDSDQCGHEAWPESSRPGTEDCEPVEPPRCERDRLSF GFCETLRLLLGRCQLPTIRTQCCRSCSPPSHGAPSRGHQRVARR |
| Applications | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array |

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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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