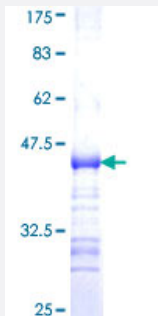


ADAMTS7 (Human) Recombinant Protein (Q01)

Catalog # H00011173-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADAMTS7 partial ORF (NP_055087, 1589 a.a. - 1686 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VQRRLVKCVNTQTGLPEEDSDQCGHEAWPESSRPCGTEDCEPVEPPRCERDRLSFGFCETLR LLGRCQLPTIRTQCCRSCPPSHGAPSRGHQRVARR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (87); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ADAMTS7

Entrez GeneID [11173](#)

GeneBank Accession# [NM_014272](#)

Protein Accession# [NP_055087](#)

Gene Name ADAMTS7

Gene Alias ADAM-TS7, DKFZp434H204

Gene Description ADAM metalloproteinase with thrombospondin type 1 motif, 7

Omim ID [605009](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) family. Members of this family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two C-terminal TS motifs. [provided by RefSeq]

Other Designations COMPase|a disintegrin and metalloprotease with thrombospondin motifs-7 preproprotein|a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 7