

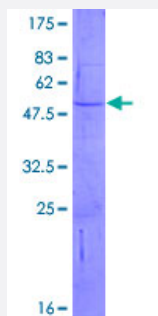
Full-Length

ADAMTS12 (Human) Recombinant Protein (P01)

Catalog # H00081792-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADAMTS12 full-length ORF (AAH58841.1, 1 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPCAQRSWLANLSVVAQLLNFGALCYGRQPQGPVRFDPDRRQEHFIKGLPEYHVVGPRVDAS GHFLSYGLHYPTSSRRKRDLGSEDWVYYRISHEEKDLFFNLTVNQGFLSNSYMEKRYGNLSHV KMMASAPLCHLSGTVLQQGTRVGTAALSACHGLTGFFQLPHGDFEIPVKKHPLVEGGYHPHIV YRRQKVPETKEPTCGLKGMTHMSSWVEESVLFFW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.4
Interspecies Antigen Sequence	Mouse (76); Rat (76)
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 — ADAMTS12

Entrez GeneID [81792](#)

GeneBank Accession# [BC058841.1](#)

Protein Accession# [AAH58841.1](#)

Gene Name ADAMTS12

Gene Alias PRO4389

Gene Description ADAM metalloproteinase with thrombospondin type 1 motif, 12

Omim ID [606184](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [provided by RefSeq]

Other Designations a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 12

Disease

- [Tobacco Use Disorder](#)