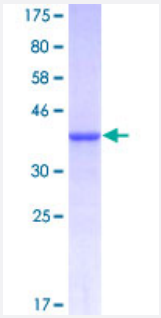
ADAMTS8 (Human) Recombinant Protein (Q01)

Catalog # H00011095-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ADAMTS8 partial ORF (NP_008968, 781 a.a. - 890 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RPLPEPLTVQLLTVPGEVFPPKVKYTFFVPNDVDFSMQSSKERATTNIIQPLLHAQWVLGDWSEC SSTCGAGWQRRTVECRDPSGQASATCNKALKPEDAKPCESQLCPL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (83); Rat (84)
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 — ADAMTS8

Entrez GeneID	11095
GeneBank Accession#	NM_007037
Protein Accession#	NP_008968
Gene Name	ADAMTS8
Gene Alias	ADAM-TS8, FLJ41712, METH2
Gene Description	ADAM metallopeptidase with thrombospondin type 1 motif, 8
Omim ID	605175
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombo spondin motifs) protein family. Members of the family share several distinct protein modules, inclu ding a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombos pondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS m otifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains two C-terminal TS motifs, and disrupts angiogenesis in vivo. A number of disorders have been mapp ed in the vicinity of this gene, most notably lung neoplasms. [provided by RefSeq
Other Designations	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 8