Recombinant Human ADAMTS8 Protein, GST-tagged

Cat. No. ADAMTS8-309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAMTS8 partial ORF (NP_008968, 781 a.a. - 890 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs, and disrupts angiogenesis in vivo. A number of disorders have been mapped in the vicinity of this gene, most notably lung neoplasms. Reduced expression of this gene has been observed in multiple human cancers and this gene has been proposed as a potential tumor suppressor. [provided by RefSeq, Feb 2016]
Molecular Mass	37.84 kDa
AA Sequence	RPLPEPLTVQLLTVPGEVFPPKVKYTFFVPNDVDFSMQSSKERATTNIIQPLLHAQW VLGDWSECSSTCGAGWQRRTVECRDPSGQASATCNKALKPEDAKPCESQLCPL
Applications	Enzyme-linked Immunoabsorbent Assay

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

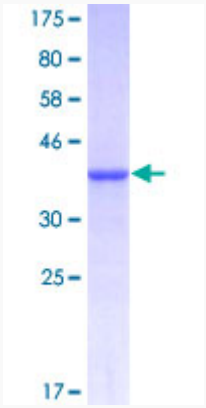
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ADAMTS8 ADAM metallopeptidase with thrombospondin type 1 motif, 8 [Homo sapiens]
Official Symbol	ADAMTS8
Synonyms	ADAMTS8; ADAM metallopeptidase with thrombospondin type 1 motif, 8; a disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 8; A disintegrin and metalloproteinase with thrombospondin motifs 8; ADAM TS8; FLJ41712; METH2; METH-2; METH-8; ADAMTS-8; ADAM-TS 8; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 8; ADAM-TS8;
Gene ID	11095
mRNA Refseq	NM_007037
Protein Refseq	NP_008968
MIM	605175

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UniProt ID	Q9UP79



12.5% SDS-PAGE Stained with Coomassie Blue.

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