

## Recombinant Human ADAMTS8 Protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human ADAMTS8 partial ORF ( NP_008968, 781 a.a. - 890 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	37.84 kDa
<b>AA Sequence</b>	RPLPEPLTVQLLTVPGEVFPKVKYTFVFPNDVDFSMQSSKERATTNIIQPLLHAQW VLGDWSECSSTCGAGWQRRTVECRDPSGQASATCNKALKPEDAKPCESQLCPL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	ADAMTS8 ADAM metalloproteinase with thrombospondin type 1 motif, 8 [ Homo sapiens ]
<b>Official Symbol</b>	ADAMTS8
<b>Synonyms</b>	ADAMTS8; ADAM metalloproteinase with thrombospondin type 1 motif, 8; a disintegrin like and metalloproteinase (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 metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 8; ADAM-TS8;
<b>Gene ID</b>	11095
<b>mRNA Refseq</b>	NM_007037
<b>Protein Refseq</b>	NP_008968
<b>MIM</b>	605175

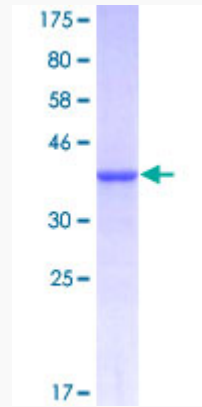
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UniProt ID

Q9UP79



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