

## Product datasheet for TP521476

### Adamts8 (NM\_013906) Mouse Recombinant Protein

#### Product data:

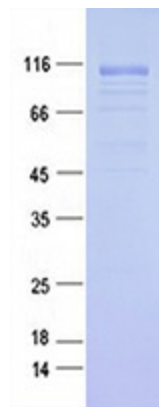
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 8 (Adamts8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR221476 representing NM_013906 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MLRDPTTTGWPPLLLLLLQLPPPLVCGAPAGPGTGAQASELVVPTRLPGSASELAFHLSAFGQGFVLR APDASFLAPEFKIERLGGSSAAAGGEPGLRGCFSGTVNGERESLAAMSLCRGLSGSFLLAGEEFTIQPQ GAGDSDLQPHRLQRWGPGQRREDPGLAAAEVFPPLPQGLEWEVEMGNGQGQERSDNEEDRKQDKEGLLKET EDSRKVPPPFSGKTRSKRFVSEARFVETLLVADASMAAFYGTDLQNHILTVMSMAARIYKHPSIRNSVNL VWVKVLIVEEEGWGPEVSDNGGLTLRNFCSWQRRFNKPSDRHPEHYDTAILFTRQNFCEGKGEQCDTLGMA DVGITCDPDKSCSVIKDEGLQAAYTLAHELGHVLSMPHDDSKPCVRLFGPMGKYHMMAPFFIHVNKTLPW SPCSAVYLTELLDDGHGDCLLDAPTSVLPPLPTGLPGHSTLYELDQQCKQIFGPDFRHCNPTSVEDICVQL WCRHRDSDEPICHTKNGSLLWADGTPCGPHLCLDGSCVLKEDVENPKAVDGDWGPWRPWGQCSRTC GIQFSNRECDNPMPQNGGRFCLGERVKYQSCNTEECPPNGKSFREQQCEKYNAYNHTDLGDNFLQWVPKY SGVSPRDRCKLFCRARGRSEFKVFEAKVIDGTLCPDLSICVRGQCVKAGCDHVNNSPKLKDCKGVC KGTACRKISGSFTPFYGYNDIVTIPAGATNIDVKQRSHPGVRNDGSYLALKTANGQYLLNGNLISAIE QDILVKGTILKYSGSMATLERLQSFQALPEPLTVQLLTVSGEVFPPKVRYTFFVPNDMDFSVQNSKERAT TNIIQSLPSAEWVLGDWSECPSTCRGSWQRRTVECRDPSGQASDTCDEALKPEDAKPCGSQPCPL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	99.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_038934</a>
<b>Locus ID:</b>	30806
<b>UniProt ID:</b>	<a href="#">F8VQ15</a>
<b>RefSeq Size:</b>	3632
<b>Cytogenetics:</b>	9 16.49 cM
<b>RefSeq ORF:</b>	2715
<b>Synonyms:</b>	METH-2; METH2
<b>Summary:</b>	This gene encodes a member of "a disintegrin and metalloproteinase with thrombospondin motifs" (ADAMTS) family of multi-domain matrix-associated metalloendopeptidases that have diverse roles in tissue morphogenesis and pathophysiological remodeling, in inflammation and in vascular biology. This gene is expressed in mouse lung, heart and macrophage-rich areas of atherosclerotic plaques. The encoded preproprotein undergoes proteolytic processing to generate an active, zinc-dependent aggrecanase enzyme. This gene is located adjacent to a related ADAMTS gene on chromosome 9. [provided by RefSeq, May 2016]

### Product images:



Purified recombinant protein Adamts8 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.