

## Product datasheet for TP312446

### ADAMTS8 (NM\_007037) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADAM metalloproteinase with thrombospondin type 1 motif, 8 (ADAMTS8), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212446 representing NM_007037 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLPAPAAPRWPPLLLLLLLLLPLARGAPARPAAGGQASELVWPTRLPGSAGELALHLSAFGKGFVLRRLAPD  
DSFLAPDFKIERLGGSGRATGGERGLRGCFSGTVNGEPESLAAVSLCRGLSGSFLLDGEEFTIQPQGAG  
GSLAQPHRLQRWGPAGARPLPRGPEWEVETGEGQRQERGDHQEDSEESQEEEAEGASEPPPPPLGATSRT  
KRFVSEARFVETLLVADASMAAFYGADLQNHILTLMSVAARIYKHPSIKNSINLMVVKVLIVEDEKWGPE  
VSDNGGLTLRNFCNWQRRFNQPSDRHPEHYDTAILLTRQNFCGQEGLCDTLGVADIGTICDPNKSCSVIE  
DEGLQAAHTLAHELGHVLSMPHDDSKPCTRLFGPMGKHHVMAPLFVHLNQTLPWSPCSAMYLTLLDGGH  
GDCLLDAPAAALPLPTGLPGRMALYQLDQCRQIFGPDFRHCNPNTSAQDVCAQLWCHTDGAEPLCHTKNG  
SLPWADGTPCGPGHLCSEGSCLPEEEVERPKPVVDGGWAPWGPWGECSTCGGGVQFVSHRECKDPEPQNG  
GRYCLGRRAKYQSCHTEECPPDGKSFREQQCEKYNAYNYTDMGNNLLQWVPKYAGVSPDRCKLFCRARG  
RSEFKVFEAKVIDGTLCPETLAICVRGQCVKAGCDHVVDSPRKLDKCGVCGGKGNSCRKVSGLTPTNY  
GYNDIVTIPAGATNIDVKQRSHPGVQNDGNYLALKTADGQYLLNGNLISAIEQDILVKGTILKYSGSIA  
TLERLQSFRLPEPLTVQLLTVPGEVFPKVKYTFVFPNDVDFSMQSSKERATTNIIQPLLHAQWVLGDW  
SECSSTCGAGWQRRTVECRDPSGQASATCNKALKPEDAKPCESQLCPL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

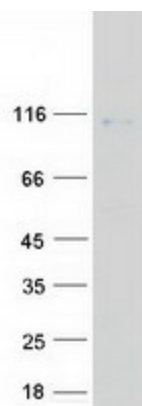
Tag:	C-Myc/DDK
Predicted MW:	96.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
<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_008968</a>
<b>Locus ID:</b>	11095
<b>UniProt ID:</b>	<a href="#">Q9UP79</a>
<b>RefSeq Size:</b>	4028
<b>Cytogenetics:</b>	11q24.3
<b>RefSeq ORF:</b>	2664
<b>Synonyms:</b>	ADAM-TS8; METH2
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Protease, Secreted Protein

### Product images:



Coomassie blue staining of purified ADAMTS8 protein (Cat# TP312446). The protein was produced from HEK293T cells transfected with ADAMTS8 cDNA clone (Cat# [RC212446]) using MegaTran 2.0 (Cat# [TT210002]).