

Product datasheet for PH312446

ADAMTS8 (NM_007037) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADAMTS8 MS Standard C13 and N15-labeled recombinant protein (NP_008968)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212446
Predicted MW:	96.3 kDa
Protein Sequence:	>RC212446 representing NM_007037 Red=Cloning site Green=Tags(s)

MLPAPAAPRWPPLLLLLLLLPLARGAPARPAAGGQASELVVPTRLPGSAGELALHLSAFGKGFVLRRLAPD
DSFLAPDFKIERLGGSGRATGGERLGRGCFSSGTVNGEPESLAAYSLCRGLSGSFLLDGEEFTIQPQGAG
GSLAQPHRLQRWGPAGARPLPRGPEWEVETGEGQRQERGDHQEDSEESQEEEAEGASEPPPLGATSRT
KRFVSEARFVETLLVADASMAAFYGADLQNHILTLMSVAARIYKHPKSIKNSINLMVVKVLIVEDEKWPGE
VSDNGGLTLRNFNCNWQRRFNQPSDRHPEHYDTAILLTRQNF CGQEGLCDTLGVADIGTICDPNKSCSVIE
DEGLQAHTLAHELGHVLSMPHDDSKPCTRLFPGMGKHHVMAPLFVHLNQTLPWSPCSAMYLTLLDGGH
GDCLLDAPAAALPLPTGLPGRMALYQLDQQRQIFGPDFRHCNPNTSAQDVCAQLWCHTDGAEPLCHTKNG
SLPWADGTPCGPGHLCEGSCLPEEEVERPKPVVDGGWAPWGPWGECRSRTCGGGVQF SHRECKDPEPQNG
GRYCLGRRAKYQSCHTEECPPDGKSFREQQCEKYNAAYNYTMDGNLLQWVPKYAGVSPDRCKLFCRARG
RSEFKVFEAKVIDGTLGCPETLAICVRGQCVKAGCDHVVDSPRKLDKCGVCGGKGNSCRKVSGLSTPTNY
GYNDIVTIPAGATNIDVKQRSHPGVQNDGNLALKTADGQYLLNGNLAISAIEQDILVKGTILKYSGSIA
TLERLQSFRLPEPLTVQLLTVPGEVFPPKVYTFVVPNDVDFSMQSSKERATTNIIQPLLHAQWVLGDW
SECSSTCGAGWQRRTVECRDPSGQASATCNKALKPEDAKPCESQLCPL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_008968](#)

RefSeq Size: 4028

RefSeq ORF: 2664

Synonyms: ADAM-TS8; METH2

Locus ID: 11095

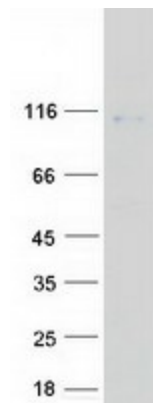
UniProt ID: [Q9UP79](#), [Q5FWF1](#)

Cytogenetics: 11q24.3

Summary: 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]

Protein Families: 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]).