

Product datasheet for TP311602M

ADAMTS3 (NM_014243) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ADAM metallopeptidase with thrombospondin type 1 motif, 3 (ADAMTS3), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC211602 protein sequence
Red=Cloning site **Green**=Tags(s)

MVLLSLWLIAAALVEVRTSADGQAGNEEMVQIDLPIKRYREYELVTPVSTNLEGRYLSHTLSASHKKRSA
RDVSSNPEQLFFNITAFGKDFHLRLKPNTQLVAPGAVVEWHETSLVPGNITDPINNHQPGSATYRIRKTE
PLQTNCAVVGDIVDIPGTSVAISNCDGLAGMIKSDNEEFIEPLERGGKQMEEEKGRIHVYKRSVAEQAP
IDMSKDFHYRESLDLEGLDDLGTVYGNIHQQLNETMRRRRRHAGENDYNIENVLLGVDDSVRFHGKEHVQNY
LLTLMNIVNEIYHDESLGVHINVLVLRMIMLGYAKSISLIERGNPSRLENVCRWASQQQRSDLNHSEHH
DHAIFLTRQDFGPAGMQGYAPVTGMCHPVRSCITLNHEDGFSSAFVVAHETGHVLGMEHDGQGNRCGDETA
MGSVMAPLVQAAFHRYHWSRCSGQELKRYIHSYDCLLDDPFDHDWPKLPELPGINYSMDEQCRFDGFGVY
KMCTAFRTFDPCKQLWCSPDNPFYCKTKKGPPLDGTECAAGKWYKGHCMWKNANQQKQDGNWGSWTKF
GSCSRTCCTGVRFRTRQCNNPMPINGGQDCPGVNFYQLCNTTEECQKHFEDFRAQQCQQRNSHFYQNTK
HHWLPYEHDPKRRCHLYCQSKETGDVAYMKQLVHDGTHCSYKDPYSICVRGECVKVGCDEIGSNKVED
KCGVCGGDNSHCRTVKGTFRTRPRKLGYLKMFIPPGARHVLIQEDEASPHILAIKNQATGHYILNGKGE
EAKSRTFIDLGVWDYNIEDDIESLHTDGPLHDPVIVLIIPQENDTRSSLTYKIIHEDSVPTINSNNVI
QEELDTFEWALKSWSQCSKPCGGGFQYTKYGCRRKSDNKMVHRSFCEANKKPKPIRRMCNIQECTHPLWV
AEEWEHCTKTCGSSGYQLRTVRCLQPLLDGTNRVHSHKYCMGDRPESRRPCNRVPCPAQWKTGPWSECSV
TCGEGTEVRQVLCRAGDHCDGKPEVSRACQLPPCNDEPCLGDKSIFCQMEVLARYCSIPGYNKLCCEC
SKRSSTLPPPYLLEAAETHDDVISNPSDLPRSLVMPTSLVPYHSETPAKKMSLSSISSVGGPNAYAAFRP
NSKPDGANLRQSAQQAGSKTVRLVTVSPSPPTKRVHLSSASQMAAASFFAASDSIGASSQARTSKKDGK
IIDNRRPTRSSTLER

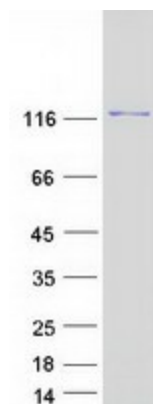
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 135.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



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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.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055058
Locus ID:	9508
UniProt ID:	O15072 , Q96AY5 , B7Z2U9
RefSeq Size:	5836
Cytogenetics:	4q13.3
RefSeq ORF:	3615
Synonyms:	ADAMTS-4; HKLLS3
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 protease. This protease, a member of the procollagen aminopropeptidase subfamily of proteins, may play a role in the processing of type II fibrillar collagen in articular cartilage. [provided by RefSeq, Feb 2016]
Protein Families:	Druggable Genome, Protease, Secreted Protein

Product images:

Coomassie blue staining of purified ADAMTS3 protein (Cat# [TP311602]). The protein was produced from HEK293T cells transfected with ADAMTS3 cDNA clone (Cat# [RC211602]) using MegaTran 2.0 (Cat# [TT210002]).