

Product datasheet for TP320320

ADAMTS13 (NM_139025) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADAM metallopeptidase with thrombospondin type 1 motif, 13 (ADAMTS13), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220320 representing NM_139025 Red=Cloning site Green=Tags(s)

MHQRHPRARCPLCVAGILACGFLGCGWGPSHFQQSCLQALEPQAVSSYLSPGAPLKGRPPSPGFQRQRQ
RQRRRAAGGILHLELLVAVGPDVFAQHQEDTERYVLTNLNIGAELLRDPGLGAQFRVHLVKMVLTEPEGA
PNITANLTSSLLSVCGWSQTINPEDDTPGHADLVLYITRFDLELPDGNRQVRGVTQLGGACSPWLSCLI
TETDGFDLGVTIAHEIGHSFGLHDGAPGSGCGPSGHVMASDGAAPRAGLAWSPCSRRQLLSLLSAGRAR
CVWDPPRPQPGSAGHPPDAQPLYYSANEQCRVAFGPKAVACTFAREHLDMCQALSCHTDPLDQSSCSRL
LVPLLDGTECGVEKWCSKGRCSLVELTPIAAVHGRWSSWGPRSPCSRSCGGGVVTRRRQCNNPRPAFGG
RACVGADLQAEACNTQACEKTQLEFMSQQCARTDGGQLRSPSGGASFYHWGAAPHSQGDALCRHMCRAI
GESFIMKRGDSFLDGTRCMPSPGPREDTLSLCSVSGSCRTFGCDGRMDSQQVWDRCQVCGGDNSTCSPRKG
SFTAGRAREYVFTLTVPNLTSVYIANHRPLFTHLAVRIGGRYVAGKMSISPNTTYPSSLEDGRVEYRV
ALTEDRLPRLEEIRIWGPLQEDADIQVYRRYGEYGNLTRPDITFTYFQPKPRQAWVWAAVRGPCSVSCG
AGLRWVNYSCLDQARKELVETVQCQGSQQPPAWPEACVLEPCPPYWAVGDFGPCSASC GGGLRERPVRCV
EAQGSLLKTLPPARCRAQAQPAVALETCNPQPCPARWEVSEPSCTSAGGAGLALENETCVPGADGLEA
PVTEGPGSVDEKLPPEPCVGMSCPPGWGHLDATSAGEKAPSPWGSIRTGAQAAHVWTPAAGSCSVSCGR
GLMELRFLCMTSALRVPVQEELCGLASKPGSRREVCQAVPCPARWQYKLAACSVSCGRGVVRRILYCARA
HGEDDGEEILLDTQCQGLPRPEPQEACSLPCPPRWKVMMLGPCSASCGLGTARRSVACVQLDQGQDVEV
DEAACAAALVRPEASVPLIADCTYRWHVGTWMECSVSCGDGIQRRRDTCLGPQAQAPVPADFCQHLPKPV
TVRGCWAGPCVGQGTSLVPHEEAAAPGRTTATPAGASLEWSQARGLLFSPAPQPRLLPGPQENSVQSS
ACGRQHLEPTGTIDMRGPGQADCAVAIGRPLGEVTLRVLESSLNCSAGDMLLLWGRLTWKMKRKLDDM
TFSSKTNTLVVRQRCGRPGGGVLLRYGSQLAPETFYRECDMQLFGPWGEIVSPSLSPATSNAGGCRLFIN
VAPHARIAIHALATNMGAGTEGANASYILIRDTHSLRTTAFHGQQVLYWESESSQAEMEFSEGFLKAQAS
LRGQYWTLQSWVPEMQDPQSWKGEKT

TRTRPLEQKLISEEDLAANDILDYKDDDDDKV

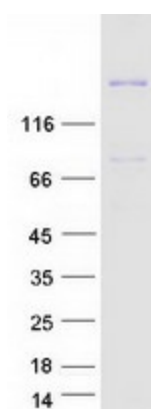
Tag: C-Myc/DDK



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Predicted MW:	149.9 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.
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_620594
Locus ID:	11093
UniProt ID:	Q76LX8
RefSeq Size:	4933
Cytogenetics:	9q34.2
RefSeq ORF:	4281
Synonyms:	ADAM-TS13; ADAMTS-13; C9orf8; vWF-CP; VWFCP
Summary:	This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The enzyme encoded by this gene specifically cleaves von Willebrand Factor (vWF). Defects in this gene are associated with thrombotic thrombocytopenic purpura. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Protein Families:	Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified ADAMTS13 protein (Cat# TP320320). The protein was produced from HEK293T cells transfected with ADAMTS13 cDNA clone (Cat# [RC220320]) using MegaTran 2.0 (Cat# [TT210002]).