

Product datasheet for TP320320M

ADAMTS13 (NM_139025) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human ADAM metallopeptidase with thrombospondin type 1 motif, 13 (ADAMTS13), transcript variant 1, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC220320 representing NM_139025 Red=Cloning site Green=Tags(s) |

MHQRHPRARCPLCVAGILACGFLGCGWGPSHFQQSCLQALEPQAVSSYLSPGAPLKGRPPSPGFQRQRQ
RQRAAGGILHLELLVAVGPDVFQAHQEDTERYVLTNLNIGAELLRDPGLGAQFRVHLVKMVLTEPEGA
PNITANLTSLLSVCGWSQTINPEDDTPGHADLVLYITRFDLELPDGNRQVRGVTQLGGACSPWLSCLI
TETDGFDLGVTIAHEIGHSFGLHDGAPGSGCGPSGHVMASDGAAPRAGLAWSPCSRRQLLSLLSAGRAR
CVWDPPRPQPGSAGHPPDAQPLYYSANEQCRVAFGPKAVACTFAREHLDMCQALSCHTDPLDQSSCSRL
LVPLLDGTECGVEKWCSKGRCSLVELTPIAAVHGRWSSWGPRSPCSRSCGGGVTRRRQCNNPRPAFGG
RACVGADLQAEWCNTQACEKTQLEFMSQQCARTDGGQLRSPSGGASFYHWGAAPHSQGDALCRHMCRAI
GESFIMKRGDSFLDGTRCMPSPGPREDTLSLCSVSGSCRTFGCDGRMDSQQVWDRCQVCGGDNSTCSPRKG
SFTAGRAREYVTLTVPNLTSVIANHRPLFTHLAVRIGGRYVAGKMSISPNTTYPSSLEDGRVEYRV
ALTEDRLPRLEEIRIWGPLQEDADIQVYRRYGEYGNLTRPDITFTYFQPKPRQAWVWAAVRGPCSVSCG
AGLRWVNYSCLDQARKELVETVQCQGSQQPPAWPEACVLEPCPPYWAVGDFGPCSASC GGGLRERPVRCV
EAQGSLLKTLPPARCRAQAQPAVALETCNPQPCPARWEVSEPSCTSAGGAGLALENETCVPGADGLEA
PVTEGPGSVDEKLPPEPCVGMSCPPGWGHLDATSAGEKAPSPWGSIRTGAQAAHVWTPAAGSCSVSCGR
GLMELRFLCMTSALRVPVQEELCGLASKPGSRREVCQAVPCPARWQYKLAACSVSCGRGVVRRILYCARA
HGEDDGEEILLDTQCQGLPRPEPQEACSLPECPWRKVMMLGPCSASCGLGTARRSVACVQLDQGQDVEV
DEAACAAALVRPEASVPLIADCTYRWHVGTWMECSVSCGDGIQRRRDTCLGPQAQAPVPADFCQHLPKPV
TVRGCWAGPCVGGTTPSLVPHEEAAAPGRTTATPAGASLEWSQARGLLFSPAPQPRLLPGPQENSVQSS
ACGRQHLEPTGTIDMRGPGQADCAVAIGRPLGEVTLRVLESSLNCSAGDMLLWGRLLTWKMKRKLDDM
TFSSKTNTLVVRQRCGRPGGGVLLRYGSQLAPETFYRECDMQLFGPWGEIVSPSLSPATSNAGGCRLFIN
VAPHARIAHALATNMGAGTEGANASYILIRDTHSLRTTAFHGQQVLYWESESSQAEMEFSEGFLKAQAS
LRGQYWTLQSWVPEMQDPQSWKGKEGT

TRTRPLEQKLISEEDLAANDILDYKDDDDDKV

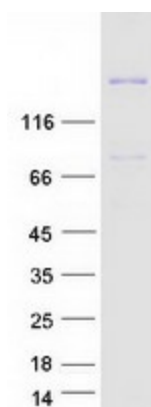
Tag: C-Myc/DDK



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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]).