

Product datasheet for TP524999

Adamts13 (NM_001001322) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 13 (Adamts13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224999 representing NM_001001322 Red=Cloning site Green=Tags(s)

MSQLCLWLTCQPCYAVSVRGILTGAIFILGCWGLSDFQKSLLDLEPKDVSSYFGHHAAPFTGHPPSHLQ
RLRRRRTLEDILHLELLVAVGPDVSRHQEDTERYVLTNLNIGSELLRNPSLGVQFQVHLVKLITLSDSE
STPNITANITSSLMVCEWSQTINPHDDRDPHADLILYITRFDLELPDGNQQVRGVTQLGGACSLSWSC
LITEDTGFDLGVITIAHEIGHSFGLDHDGAPGSGSTCKASGHVMAADGATPTGGTLEWSACSQRQLQHLLS
TGQMHCFQDPPGLQSGLTRHQLMAQPGLYYSADDQCRVAFGSGAVACTFSREGLDVCQALSCHTDPLDQS
SCSRLVPLLDGTECGVEKWCSKARCSLAELAPVAAVHGHWSWGPSPCRSFCGGVITRRRWCNPR
PAFGGRACVGEDLQAKMCNTQACEKTQLEFMSEQCAQTDRQPLQLSQGTASFYHWDAAVQYSQGDTLCRH
MCWAVGESFIVSRGDRFLDGTTRCVSPGPQDDGTLCLLGSRTFGCDGRMDSQKVVWDACQVCGDNTC
SSRNGSFTAGRAREYVTLVTPNMTNAHIVNRRPLFTHLAVRIQGHYVAGKTSISPNTTYPSSLEDYR
VEYRVTLTEDQLPHLEEIHIRGPVRDDIEIQVYRRYGGEGDLTHPDITFSYFQLKQQAAMVWTAKRGP
SVSCGAGLRWWTYSCQDQAQDKWKNAQCQGSPQPPAWQEPVSAVPCSPYVWAGDFSPVSCVSCGGGLRER
SLRCVETQDGFKLTPPARCRAVAQQPAAEVENCNSQPCPTRWEVSDPGPCMSACEAGLDSRNVTCVSR
AGDPEKPEVETAGPCRTDEMSAMLEPCSRSLCSPGLGQVDNTMSLGEEAPSPVGSQKPGAQAEHVWTPVGL
CSISCGRGLKELYFLCMTDVLKMPVQEELCGLASKPPSRWEVCRARPCPARWETQVLAPCPVTCGGGRVP
LSVRCVQLDRGHPISVPHSKCSPVPKPGSFEDCSPEPCPARWKVLSLGPSCASACGLGTATQMVACMQLDQ
GHDNEVNETFCKALVRPQASVPCLADCAFRWHISAWTECSVSCGDGIQRRHDTCLGPQAQVVPANFCQ
HLPKPMVTRGVCWAGPCAGQETSSSLPHKEATLPSQTQAAATVASLQWSQPRARTPTLFSASQSLGLQENL
EEHGACGRQYLEPTGTIHRDQGRLDVVAIGRPLGEVWTLQILESSLKCSAGEQLLWGRFTWRKTCR
MPGMTFSTKNTVVKQHRVLPGGVLLRYWSQPAPGTFYKECDRQLFGPRGEIVSPSLSPDGRKAGTCR
VFISVAPQARIAIRALASDMGTASEGTNANYVSIRDHSLRTTTFWQQVLYWESEGSEAELEFSPGFLE
AHASLQGEYWTISPRTSEQDDSLALS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Tag:	C-MYC/DDK
Predicted MW:	155.8 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
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 after receiving vials.
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_001001322
Locus ID:	279028
UniProt ID:	Q76916
RefSeq Size:	4580
Cytogenetics:	2 A3
RefSeq ORF:	4278
Synonyms:	ADAM-TS13; ADAMTS-13; Gm710; vWF-CP
Summary:	<p>This gene encodes a member of "a disintegrin and metalloproteinase with thrombospondin motifs" (ADAMTS) family of multi-domain matrix-associated metalloendopeptidases that have diverse roles in tissue morphogenesis and pathophysiological remodeling, in inflammation and in vascular biology. In certain mouse strains (C57BL/6, for example) an intracisternal A-type particle (IAP) retrotransposon sequence is located in the intron 23 that causes an alternate splicing event resulting in a shorter transcript variants encoding shorter isoforms. The encoded preproprotein undergoes proteolytic processing to generate an active enzyme that cleaves von Willebrand factor (VWF) in circulating blood. [provided by RefSeq, Jul 2016]</p>