

Product datasheet for TP516099

Adam11 (NM_009613) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse a disintegrin and metallopeptidase domain 11 (Adam11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216099 representing NM_009613 Red=Cloning site Green=Tags(s)
	<p>MRRLRRWAIAALLLLPLPPPPGLGALGPRGALHWRSSAHVGSPESEVTEPSRLVLRQSSGGGEVRKPKQ LDTRVRQDPPRGTPVHLAQVSFVIPAFDSNFTLDLELNHHLLSSQYVERHFSREGTRQHSTGAGDHCYYH GKLRGNPQSFAALSTCQGLHGVFSDGNLTYIVEPKEIAGPWGPPQGPLPHLIYRTPLLPAPLGCREPGCL FAVPAQSALPNWPKLRRKRQVRRGHPTVHSETKYVELIVINDHQLFEQMRQSVLTSNFAKSVVNLADVI YKEQLNTRIVLVAMETWADGDKIQVQDDLLETARLMVYRREGLPEPSDATHLFSGRTFQSTSSGAAYVG GICSLSRGGGVNEYGNMGAMAVTLAQTGQNLGMMWNKHRSSAGDCKCPDIWLGCIMEDTGFYLPKRFSR CSIDEYNQFLQEGGGSCLFNKPLKLLDPPECGNGFVEAGEECDGSGVQECRSAGGNCKKCTLTHDAMCS DGLCCRRCKYEPRGVSCREAVNECDIAETCTGDSSQCPPNLHKLDGYCDHEQGRCYGGRCRTRDRQCQA LWGHAAADRFCYEKLNVEGTERGNCGRKGSWVQCSKQDVLFCGFLLCVNISGAPRLGDLGGDISSVTFYH QGKELDCRGGHVQLADGSDLSYVEDGTACGPNMLCLDHRCLPASAFNFSTCPGSGERRICSHHGVCVSNEG KCICQPDWTGKDCSIHNPLTSPPTGETERYKGPSGTNIIIGSIAGAVLVAAIVLGGTGWGFKNIRGRS GGA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	84.6 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.



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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_033743
Locus ID:	11488
UniProt ID:	Q9R1V4 , Q7TQGZ , Q3TZE2
RefSeq Size:	4647
Cytogenetics:	11 66.48 cM
RefSeq ORF:	2319
Synonyms:	AW060611; Mdc
Summary:	<p>This gene encodes a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. The protein encoded by this gene is believed to lack metalloproteinase activity due to the lack of a critical catalytic motif. Mice lacking the encoded protein exhibit defects in spatial learning, motor coordination and altered perception of pain. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing. [provided by RefSeq, May 2016]</p>