

Product datasheet for **TP525363**

Marveld2 (NM_001038602) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MARVEL (membrane-associating) domain containing 2 (Marveld2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225363 representing NM_001038602 Red =Cloning site Green =Tags(s)

MSSSDARSRIRDRGYSEVPRDTSCPDGTIRTFQSLHSELAVSADPLPPPPLPLQPPFGPSFYSSDTEEP
AVAPDLKPVRRFVPSWKNFFRGKKKDPEWDNPVSDIRYISDGVCSPPASPARANHHHPYKDP SRGSQGT
FNSQHEADAMFAHDPYASLDRRTQTARTYSEKVEEYNLRYAYMKSWAGLLRILGWELLGAGVFACVTA
YIHKDNEWYNLFGYTQPYGMGGLGSLGNTYGGYYSGPKTPFVLVWAGLAWITTIILVLGMSMYRTIL
LDSNWWPLTEFGVNVALFILYMAAAIVVNDTNRGGLCYPLFNTPMNMAMFCRVEGGQIAAMIFLVTMI
VYLV SALVCLKLWRHEAARRHREFLEQQEINDPSLSSKRKMCEAAISDRQRDQEVNVKDLRTTTKMTPEL
LSGHIPPGHIPKPIVMPDYVAKYPIQTDDDRERYKAVFQDQFSEYKELSAEVQAILRKFDELDTVMSRL
PHHSENRQEHERISRIEEEFRKKKNDPSFLEKKERC DYLNKLSHIKQRIQEYDKVMNWDTQGY P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	63.7 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_001033691



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Locus ID:	218518
UniProt ID:	Q3UZP0
RefSeq Size:	3061
Cytogenetics:	13 D1
RefSeq ORF:	1665
Synonyms:	BC003296; MARVD2; Mrvldc2; Tric; Trica; Tricb; Tricc
Summary:	Plays a role in the formation of tricellular tight junctions and of epithelial barriers (PubMed:16365161). Required for normal hearing via its role in the separation of the endolymphatic and perilymphatic spaces of the organ of Corti in the inner ear, and for normal survival of hair cells in the organ of Corti (PubMed:26677943).[UniProtKB/Swiss-Prot Function]