

Product datasheet for TP501455

Myl9 (NM_172118) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myosin, light polypeptide 9, regulatory (Myl9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201455 representing NM_172118 Red =Cloning site Green =Tags(s)
	 MSSKRAKAKTTKKRPQRATSNVFMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHDMLASLGKNPTDEYL EGMMNEAPGPINFMTMLTMFGEKLNLTDPEDVIRNAFACFDEEASGFIHEDHLRELLTTMGDRFTDEEVD EMYREAPIDKKGNFNYVEFTRILKHGAKDKDD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.3 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:	<u>NP_742116</u>
Locus ID:	98932
UniProt ID:	<u>Q9CQ19</u>
RefSeq Size:	1083
Cytogenetics:	2 H1



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RefSeq ORF: 516

Synonyms: AI327049; MLC20; Mylc2c; RLC-C

Summary: Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor capping, and cell locomotion.[UniProtKB/Swiss-Prot Function]