

Product datasheet for **TP521651**

Myl1 (NM_021285) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myosin, light polypeptide 1 (Myl1), transcript variant 1f, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221651 representing NM_021285 Red =Cloning site Green =Tags(s)

MAPKKDVKKPAAAPAPAPAPAPAPAKPKEEKIDLSAIKIEFSKEQQEDFKEAFLLFDRTGECKITLSQVG
DVLRLALGTNPTNAEVKVKVLGNPSNEEMNAKKIEFEQFLPMMQAISNNKDQGGYEDFVEGLRVFDKEGNGT
VMGAELRHVLA TLGEKMKEEEVEALLAGQEDSNGCINYEAFVKHIMSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	20.6 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.
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_067260
Locus ID:	17901
UniProt ID:	P05977 , Q545T7
RefSeq Size:	1003
Cytogenetics:	1 33.71 cM



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RefSeq ORF: 564

Synonyms: AI325107; D12Mgi4; MLC1; MLC1f; MLC3; MLC3f; Myl; Mylf

Summary: Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two non-phosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in fast skeletal muscle. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]