

Product datasheet for TP519355

Mylk2 (NM_001081044) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myosin, light polypeptide kinase 2, skeletal muscle (Mylk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219355 protein sequence Red =Cloning site Green =Tags(s)

MTTENGAVELGSQSLSTEQTPKAAAGDGPSASEKEPSAPATEKDLSPNNAKKDPGAPDPKNNPDPPSLKK
DPAKAPGPEKKGDPVPASASSQGPSGEGDGGGGPAEGSEGPPAALPLPTATAEASIQKLDPTQAPSGNQG
SGEAKAGKAAECREAGR R GSPAFLHSPSCPAIISCSEKTLAVKPLSETDLVFTGVSVTPDPQDPGPVK
AGGTNALAEKKKEEA EKASGQAGQAKAQGDTPQRIGFQAVPSERVEVGQALCLTAREEDCFQILDDCPPP
PAPFPHRIVELRTG NVNSEFSMNSKEALGGGKFGAVCTCTERATGLKLA AKVIKKQTPKDKEMVLLIEIV
MNQLNHRNLIQLYAAIETSHEIILFMEYIEGGELFERIVDEDYHLTEVDTMVFVRQICD GILFMHKMRVL
HLDLKPENILCVNTTGHLVKIIDFGLARRYNPNEKLVNFGTPEFLSPEVVNYDQISDKTDMWSLGVITY
MLLSGLSPFLGDDDTETLNNVLSANWYFDEETFEAVSDEAKDFVSNLLTKDQSARMSAEQCLAHPWLNNL
AEKAKRCNRRLKSQILLKKYLMKRRWKKNFIAVSAANRFKKISSSGALMALGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	66 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.



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RefSeq:	<u>NP_001074513</u>
Locus ID:	228785
UniProt ID:	<u>Q8VCR8</u>
RefSeq Size:	2948
Cytogenetics:	2 H1
RefSeq ORF:	1842
Synonyms:	9830004H17Rik; BB138278
Summary:	Implicated in the level of global muscle contraction and cardiac function. Phosphorylates a specific serine in the N-terminus of a myosin light chain (By similarity).[UniProtKB/Swiss-Prot Function]