

Product datasheet for **TP512102**

Mylk (NM_139300) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myosin, light polypeptide kinase (Mylk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA Clone >MR212102 representing NM_139300
 or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MSGQLPGKTMGDVKLFASSHMSKTSHSVDPKSVSSMPLTEAPAFILPPRNLCVKEGATAKFEGRVRGYPE
 PQVTWHRKGQAITNGGRFLLDCGVRGTFSLVIHTVREEDKGKYTCEASNGSGARQVTVELTVEGNSMKKR
 DQPVLKASGFPGETRPSIWGECPPKFATKLGRAVVKEGQMGRFSCKITGRPPPQVTWLKGNVPLQPSAR
 VSMSEKNGMQILEIRGVTRDDLGVYTCMVVNGSGKASMSAELSIPGLDNAARLAVRGTKAPSPDIRKEVT
 NGVSKDPETVAESKNCPSPQRSGSSARATNSHLKSPQEPKPKCEDAPRKVPQSSILQKSTSTITLQALK
 VQPEARVPAIGSFSPGEDRKSAAAPQQATLPTRQSSLLGGSVGNKFTVGNIPRESQRESTFPRFESQPQSQ
 EVTEGQTVKFICEVSGIPKPDVGVWFLGIPVRRREGITEVYEDGVSHHLCLLRARTRDSGRYSCTASNSL
 GQVSCSWSLLVDRPNLAQTAPSFSSVLKDSVIEGQDFVLRCSVQGTAPRVTWLLNGQPIQFAHSICEA
 GVAELHIQDALPEDRGTYTCLAENAMGQVSCSATVTVQEKKGEGEREHRLSPARSKPIAIFLQGLSDLK
 VMDGSQVTMTVQVSGNPPPEVIWLHDGNEIQESEDHFHEQKGGWHSCLIQEVFPEDTGTYTCEAWNSAGE
 VRTRAVLTVQEPHDGTQPWFISKPRSVTATLGQSVLISCAIAGDPFPTVHWLRDGRALSKDSGHFELLQN
 EDVFTLVLKNVQPVHAGQYEILLKNRVGECSCQVSLMLHNSPSRAPPRGREPASCEGLCGGGGVAHGDDG
 DRHGTLRPCWPARGQGWPVEEDGEDVRGLLKRRVETRLHTEEAIRQVEVGLDFRDLLGKKVSTKTVSED
 DLKDIPAEQMDFRANLQRQVKPKTISEEERKVHSPQQVDFRSLAKKGTPTKPVPEKAPPKAATPDFRSV
 LGGKKKSPSENGGNSAEVLNVKAGESPTPAGDAQAIGALKPVGNAKPAETPKPIGNAKPTETLKPVGNTK
 PAETLKPIANAQPSGSLKPVNAQPAEPQKPVGNAKSAETSKPAGKEEVKEVKNDVNCCKGQVGTGNEK
 RPESQGSAPVFEKQLQDVHVAEGEKLLLQCQVISDPPATVTVSLNGKTLKTKFIVLAQEGSRFSVSIK
 ALPEDRGLYKCVAKNSAGQAECSQVTVDDAQTSENTKAPEMKSRPKSSLPPVLGTESDATVKKKPAK
 TPTKAAMPPIIQFPEDQKVRAGEPVELFGKVAGTQPITCKWMKFRKQIQESEHIKVENGESGSKLTLA
 ARQEHCGCYTLVVENKLGSRQAQVNLTVVDKPDPPAGTPCASDIRSSSLTWSWYGSSYDGGSAVQSYNVE
 IWDTEKDVWKELATCRSTSFNVQDLLPDREYKFRVRAVNVYGTSEPSQESELTAVGEKPEEPKDEVEVSD
 DDEKEPEVDYRTVTVNTEQKVSVDYDIEERLGGKFGQVFRLEVEKTKGIWAGKFFKAYSAAKEDNIRQE
 ISIMNCLHHPKLVQCVDAFEKANIVMVLEIVSGGELFERIIDEFELTERECIKYMRQISEGVEYIHKQ
 GIVHLDLKPENIMCVNKTGTRIKLIDFGLARRENAGSLKVLFGTPEFVAPEVINYEPYATDMWSIGV
 ICYILVSGLSPFMGDNDNETLANVTSATWDFDDEAFDEISDDAKDFISNLLKDKMKNRLDCTQCLQHPWL
 MKDTKNMEAKKLSKDRMKKYMARRKWQKTGNAVRAIGRLSSMAMISGLSGRKSSTGSPTSPINAEKLESE
 DDVSQAFLEAVAEKPHVKPYFSKTIRDLEWVEGSAARFDCKIEGYDPPEVWVFKDDQSIRESRHFQIDY
 DEDGNCSLIISDVCGDDDAKYTCKAVNSLGEATCTAELIVETMEEGEGEGEGEEEEEEEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

- Tag:** C-MYC/DDK
- Predicted MW:** 214.1 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_647461</u>
Locus ID:	107589
UniProt ID:	<u>B1B1A8</u>
RefSeq Size:	7809
Cytogenetics:	16 B3
RefSeq ORF:	5850
Synonyms:	9530072E15Rik; A930019C19Rik; AW489456; KRP; Mlck; MLCK108; MLCK210; nmMlck; smMLCK