

Product datasheet for **TP526784**

Myh6 (NM_001164171) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myosin, heavy polypeptide 6, cardiac muscle, alpha (Myh6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA >MR226784 protein sequence
Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MTDAQMADFGAAAQYLRKSEKERLEAQTRPDIRTECFVPDDKEEYVKAKWSREGGKVTAEENGKTVT
IKEDQVMQQNPPKFDKIEDMAMLTFLHEPAVLYNLKERYAAWMIYTYSGLCVTVNPNYKWLVPVYNAEVA
AYRGKKRSEAPPHIFSISDNAYQYMLTDRENQSILITGESGAGKTVNTRKVIQYFASIAAIGDRSKKENP
NANKGTLEDQIIQANPALEAFGNAKTVRNDNSSRFGKFIRIHFGATGKLASADIETYLPEKSRVIFQLKA
ERNYHIFYQILSNKKPELLDMLLVTNPNPYDYAFVSQGEVSVASIDDSEELLATDSAFDVLSTAEKAGV
YKLTGAIMHYGNMFKKQKQREEQAEPDGTEDADKSAYLMGLNSADLLKGLCHPRVKVGVNEYVTKGQSVQQ
VYYSIGALAKSVYEKMFNWMVTRINATLETQPRQYFIGVLDIAGFEIFDFNSFEQLCINFTNEKLQQFF
NHHMFVLEQEEYKKEGIEWEFIDLGMDLQACIDLIEKPMGIMSILEEECMFPKASDMTFKAKLYDNHLGK
SNNFQKPRNVKQKQEAHFSVLVHYAGTVDYNIMGWLEKNKDPLNETVVGlyQKSSLLKMATLSTYASADT
GDSGKGGKGGKGGSSFTVSALHRENLNKMLTNTLKTTHPHFVRCIIPNERKAPGVMNDNPLVMHQLRCNGV
LEGIRICRKGFPNRILYGDFRQRYRILNPAAIPEGQFIDSRKGAEKLLGSLDIDHNQYKFGHTKVFFKAG
LLGLLEEMRDERLSRIITRIQAQARGQLMRIEFKKIVERRDALLVIQWNIRAFMGVKNWPWMKLYFKIKP
LLKSAETEKEMANMKEEFGRVKDALEKSEARRKELEEKMVSLLEKNDLQVQAEQDNLNDAEERCDQL
IKNKIQLEAKVKEMTERLEDEEEMNAELTAKKRKLEDECESELKDDIDDELTLAKVEKEKHATENKVKNL
TEEMAGLDEIIAKLTKEKKALQEAHQALDDLQAEEDKVNTLTKSKVKLEQQVDDLEGSLEQEKVRMDL
ERAKRKLEGLDLKTQESIMDLENDKLQLEEKLKKKEFDISQQNSKIEDEQALALQLQKLLKENQARIEEL
EEELEAERTARAKVEKLRSDLSRELEEISERLEEAGGATSVQIEMNKKREAEFQKMRRDLEEATLQHEAT
AAALRKKHADSVAEELGEQIDNLQRVKQKLEKEKSEFKLELDDVTSNMEQIIKAKANLEKVSRTLEDQANE
YRVKLEEAQRSLNDFTTQRAKLQTENGELARQLEEKEALISQLTRGKLSYTQQMEDLKRQLEEEGKAKNA
LAHALQSSRHDCDLLREQYEEEMEAKAELQRVLSKANSEVAQWRTKYETDAIQRTEEEEAKKKLAQRLQ
DAEEAVEAVNAKCSSLEKTKHRLQNEIEDLMVDVERSNAALDKKQRNFDKILAEWKQKYEESQSELE
SSQKEARSLSTELFKLNAYEESLEHLETFKRENKNLQEEISDLTEQLGEGGKNVHELEKIRKQLEVEKL
ELQSALEEAASLEHEEGKILRAQLEFNQIKAEIERKLAEKDEEMEQAQRNHLRMVDSLQTSLDAETRSR
NEALRVKKKMEGDLNEMEIQLSQANRIASEAQKHLKNSQAHLKDTQLQLDDAVHANDDLKENIAIVERRN
NLLQAELEELRAVVEQTERSRLAEQELIETSERVQLLHQSNTSLINQKKKMESDLTQLQTEVEEAVQEC
RNAEEKAKKAITDAAMMAEELKKEQDTSALHERMKNMEQTIKDLQHRLDEAEQIALKGGKKQLQKLEAR
VRELENELEAEQKRNAESVKGMRKSERRIKELTYQTEEDKKNLMRLQDLVDKLQLKVKAYKRQAEAEAEQ
ANTYLSKFRKQVHELDEAEERADIAESQVNLRAKSRDIGAKKMHDEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 223.6 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_001157643
Locus ID:	17888
UniProt ID:	Q02566 , B2RQQ1
RefSeq Size:	6079
Cytogenetics:	14 28.01 cM
RefSeq ORF:	5817
Synonyms:	A830009F23Rik; AA517445; alpha-MHC; Myhc-a; Myhca
Summary:	Muscle contraction.[UniProtKB/Swiss-Prot Function]