

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P02563	MYH6_RAT	Rattus norvegicus	Myosin-6	19.700626	S18;T34;T59;S172;T176;S179;S241;S242;S392;S622;S626;S644;S739;S749;S843;S880;S1038;S1138;S1148;S1159;T1189;S1200;T1275;T1303;S1308;S1336;S1367;S1414;S1436;S1464;S1466;S1470;S1471;S1597;T1600;S1601;T1606;S1638;T1696;T1710;S1711;T1776;S1777;S1837;S1916	T378;S416;S1089;S1138;T1260;S1270;T1276;T1283;S1308;T1309;T1310;S1511;T1514;T1680	26109417;18988896	MTDAQMADFGAARYLRKSEKERLE AQTRPFDIRTECFVPDDKEEYVKAKI VSREGGKVTAEVNGKTVTVKEDQV MQQNPPKFDKIEDMAMLTFLHEPA VLYNLKERYAAWMIYTSGLFCVTV NPYKWLVPVYNAEVVAAYRGKKRSEA PPHIFSISDNAYQYMLTDRENQSILIT GESGAGKTVNTRKRVIOYFASIAAIGD RSKKDNPANANKGTLEDQIIQANPAL EAFGNAKTVRNDNSSRFGKGFIRIHF GATGKLASADIETYLLEKSRVIFQLK AERNYHIFYQILSNKKPELLDMLLVT NNPYDYAFVVSQGEVSVASIDDSEELL ATDSAFDVLGFTAEEKAGVYKLTGAI MHYGNMFKKQKQREEQAEPDGTGTE DADKSAYLMGLNSADLLKGLCHPRV KVGNEYVTGQSVQVQVYYSIGALAK SVYEKMFNWMVTRINATLETQPR QYFIGVLDIAGFEIFDFNSFEQLCINF TNEKQQFFNHMHMFVLEQEYKKE GIEWEFIDFGMDLQACIDLIEKPMGI MSILEEECMFPKATDMTFKAKLYDN HLGKSNNFQKPRNVKQKQEAHFSL VHYAGTVDYNILGWLEKNKDPLNET VVGLYQKSSKLMATLFFSTYASADT GDSGKGKGGKGGSSFFQTVSALHRE NLNKLMTNLRTHPHFVRCIIPNER KAPGVMDNPLVMHQLRCNGVLEGI RICRKGFPNRILYGDFRQRYRILNPA AIPEGQFIDSGKGAEKLLGSLDIDHN QYKFGHTKVFFKAGLLGLEEMRDE RLSRIITRIQAQARGQLMRIEFKKMV ERRDALLVIQWNIRAFMGVKNWPW MKLYFKIKPLLKSAETEKEMANMKE EFGRVKDALEKSEARRKELEEKMVS LLQEKNDLQLQVQAEQDNLADAE RCDQLIKNKIQLEAKVKEMTERLED EEEMNAELTAKKRKLEDECSELKKD IDDLELTLAKVEKEKHATENKVKNL TEEMAGLDEIIAKLTKEKKALQEAH QQALDDLQAEEDKVNTLTKSKVKLE QQVDDLEGSLEQEKVMDLERAK RKLEGDLKLTQESIMDLENDKLQLE EKLKKKEFDISQQNSKIEDEQALALQ LQKKLKENQARIEELEELEAERTAR AKVEKLRSDLTRELEEISERLEEAGG ATSVQIEMNKKREAEFQKMRRDLE EATLQHEATAAALRKKHADSV AELG EQIDNLQRVKQKLEKEKSEFKLED DVTSHMEQIIKAKANLEKVSRTLED QANEYRVKLEEAQRSLNDFTTQRAK LQTENGELARQLEEKEALIWQLTRG KLSYTOQMEDLKRQLEEEGKAKNAL AHALQ SARHDCDLLREQYEEEMEA KAELQRVLSKANSEVAQWRTKYETD AIQRTEELEEAKKKLAQRLQDAEEA

VEAVNAKCSSLEKTKHRLQNEIEDL  
MVDVERSNAAAAALDKKQRNFDKIL  
AEWKQKYEESQSELESSQKEARSLS  
TELFKLNAYEESLEHLETFKRENK  
NLQEEISDLTEQLGEGGKNVHELEK  
IRKQLEVEKLELQSALEEAEASLEHE  
EGKILRAQLEFNQIKAEIERKLAEKD  
EEMEQAKRNHLRVVDSLQTSLDAE  
TRSRNEALRVKKKMEGDLNEMEIQ  
LSQANRIASEAQKHLKNAQAHLKDT  
QLQLDDAVRANDDLKENIAIVERRN  
TLLQAELEELRAVVEQTERSRLAE  
QELIETSERVQLLHSQNTSLINQKKK  
MDADLSQLQTEVEEAVQECRNAEE  
KAKKAITDAAMMAEELKKEQD TSAH  
LERMKNMEQTIKDLQHRLDEAEQI  
ALKGGKKQLQKLEARVRELENELEA  
EQRNAESVKGMRKSERRIKELTYQ  
TEEDKKNLVRQLVDKQLKVKAY  
KRQAEAEQANTNLSKFRKVQHEL  
DEAEERADIAESQVNKLRAKSRDIGA  
KQKM HDEE