

OriGene Technologies, Inc.

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Product datasheet for TP324925M

Myosin (MYL6) (NM_079423) Human Recombinant Protein

Product data:

Description:Recombinant protein of human myosin, light chain 6, alkali, smooth muscle and non-muscle (MYL6), transcript variant 2, 100 µgSpecies:HumanExpression Host:HEX93TExpression cDNA ClowRed=Cloning site Green=Tags(s)Creation cDNA ClowRed=Cloning site Green=Tags(s)Creation cDNA ClowRed=Cloning site Green=Tags(s)Creation contractionRed=Cloning site Green=Tags(s)Creation contractionRed=Cloring site Green=Tags(s)Tag:C-Myc/DDA EFKEAFQLFDRTGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDEMNVKVLDFEHF LPMLQTVAKNKDQGTYEDVYEGLRVFDKEGNGTVMGAEIRHVLVTLGEKMTEEEVEMLVAGHEDSNGCIN VEELVRMVLNGTag:C-Myc/DDKTag:C-Myc/DDKPredicted MW:Solo gu/µL as determined by microplate BCA methodOoncentration:Solo gu/µL as determined by SDS-PAGE and Coomassie blue stainingBuffer:Solo determined by SDS-PAGE and Coomassie blue stainingPreparation:Solo sa determined by SDS-PAGE and Coomassie blue stainingNote:Solo solo solo protein during the filtration process.Storage:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stable for 1 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M. 524147Locus ID:Me560UniProt ID:Sto660	Product Type:	Recombinant Proteins
Expression Host:HEX293TExpression cDNA colorRc224925 protein sequence Rc2Cloning site Green=Tags(s)MCDFTEDQTAEFKEAFQLFDRTGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDEMNVKVLDFEHF PMLQTVAKNKDQGTYEDVYEGLRVFDKEGNGTVMGAEIRHVLVTLGEKMTEEVEMLVAGHEDSNGCIN YEELVRMVLNGTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:16.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HC1, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Rcombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor a stor coll under greein glications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Sole for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M 524147Locus ID:4337	Description:	
Pression cDNA CloneRC224925 protein sequence Red=Cloning site Green=Tags(s)RCDFTEDQTAEFKEAFQLFDRTGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDEMNVKVLDFEHF LPNLQTVAKNKDQGTYEDYVEGLRVFDKEGNGTVMGAEIRHVLVTLGEKMTEEEVEMLVAGHEDSNGCIN VEELVRMVLNGTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:16.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor esting in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stora et a0°C.Stability:Stabe for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.Refseq:M 252147Locus ID:4637	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MCDFTEDQTAEFKEAFQLFDRTGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDEMNVKVLDFEHF LPMLQTVAKNKDQGTYEDVYEGLRVFDKEGNGTVMGAEIRHVLVTLGEKMTEEEVEMLVAGHEDSNGCIN YEELVRMVLNGTag:CMc/DKPredicted MW:16.8 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 mm Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Store at -80°C.Storage:Store at -80°C.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:M. 524147Locus ID:4637	Expression Host:	HEK293T
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	RefSeq:	<u>NP 524147</u>
UniProt ID: <u>P60660</u>	Locus ID:	4637
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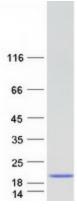


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	Myosin (MYL6) (NM_079423) Human Recombinant Protein – TP324925M
RefSeq Size:	782
Cytogenetics:	12q13.2
RefSeq ORF:	453
Synonyms:	ESMLC; LC17; LC17-GI; LC17-NM; LC17A; LC17B; MLC-3; MLC1SM; MLC3NM; MLC3SM
Summary:	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathway	s: Vascular smooth muscle contraction

Product images:



Coomassie blue staining of purified MYL6 protein (Cat# [TP324925]). The protein was produced from HEK293T cells transfected with MYL6 cDNA clone (Cat# [RC224925]) using MegaTran 2.0 (Cat# [TT210002]).

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