

Product datasheet for **TP320101**

Myosin (MYH4) (NM_017533) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myosin, heavy chain 4, skeletal muscle (MYH4), 20 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC220101 representing NM_017533
Red=Cloning site Green=Tags(s)

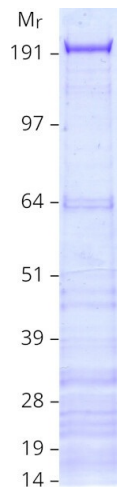
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 E
 ARVRELESEVESEQKHNVEAVKGLRKHERRVKELTYQTEEDRKNILRLQDLVDKQLQTKVKAYKRQAEAE
 EQSNVNLAKFRKLQHELEEA KERADIAESQVNKLRVKSREVHTKVISEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 222.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_060003
Locus ID:	4622
UniProt ID:	Q9Y623
RefSeq Size:	6016
Cytogenetics:	17p13.1
RefSeq ORF:	5817
Synonyms:	MYH2B; MyHC-2B; MyHC-IIb
Summary:	Muscle contraction.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Tight junction, Viral myocarditis

Product images:



Coomassie blue staining of purified MYH4 protein (Cat# TP320101). The protein was produced from HEK293T cells transfected with MYH4 cDNA clone (Cat# [RC220101]) using MegaTran 2.0 (Cat# [TT210002]).