

## Product datasheet for **TP320101M**

### 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), 100 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone >RC220101 representing NM\_017533  
 or AA Sequence: Red=Cloning site Green=Tags(s)

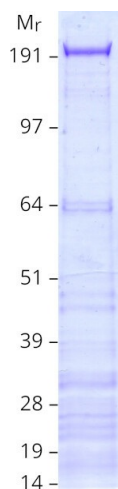
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**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.

<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060003</a>
<b>Locus ID:</b>	4622
<b>UniProt ID:</b>	<a href="#">Q9Y623</a>
<b>RefSeq Size:</b>	6016
<b>Cytogenetics:</b>	17p13.1
<b>RefSeq ORF:</b>	5817
<b>Synonyms:</b>	MYH2B; MyHC-2B; MyHC-IIb
<b>Summary:</b>	Muscle contraction.[UniProtKB/Swiss-Prot Function]
<b>Protein Pathways:</b>	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]).