

## Product datasheet for **TP504094**

### Myoz1 (NM\_021508) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myozenin 1 (Myoz1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	<p>&gt;MR204094 protein sequence  <b>Red</b>=Cloning site <b>Green</b>=Tags(s)</p> <p>MPLSGTPAPNKRKSSKLIMELTGGGRESSGLNLGKKISVPRDVMLEELSLLTNRGSKMFKLRQMRVEKF          IYENHPDVFSDDMDHFQKFLPTVGGQLETAGQGFSYGKSSGGQAGSSGSAGQYGS DRHQQGS GFGA          GG          SGGPGGQAGGGGAPGTVGLGEPGSGDQAGGDGKHVTVFKTYISPWDRAMGVDPQKVELGIDLLAYGA          KA          ELPKYKSFNRTAMPYGGYEKASKRMTFQMPKFDLGPLLSEPLVLYNQNLNRP SFNRTPIPWLSSGEHVD          YNVDVGIPLDGETEEL</p> <p><b>TR</b>TRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	31.5 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:	<u><a href="#">NP_067483</a></u>
Locus ID:	59011


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UniProt ID:	<u><a href="#">Q9JK37</a></u>
RefSeq Size:	1294
Cytogenetics:	14 A3
RefSeq ORF:	888
Synonyms:	2310001N11Rik; AV090278; FATZ; Myoz
Summary:	Myozenins may serve as intracellular binding proteins involved in linking Z-disk proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.[UniProtKB/Swiss-Prot Function]