

## Product datasheet for **TP306448M**

### Myozenin 1 (MYOZ1) (NM\_021245) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myozenin 1 (MYOZ1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206448 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MPLSGTPAPNKKRKSSKLIMELTGGGQESSGLNLGKKISVPRDVMLEELSLLTNRGSKMFKLRQMRVEKF IYENHPDVFSDSSMDHFQKFLPTVGGQLGTAGQGFSYSKSNRGGSSQAGGSGSAGQYGSQQHHLGSGSG AGGTGGPAGQAGRGAAGTAGVGETGSGDQAGGEGKHITVFKTYISPWERAMGVDPQQKMELGIDLLAYG AKAELPKYKSFNRTAMPYGGYEKASKRMTFQMPKFDLGPLLSEPLVLYNQNLNRPFSNRTPIPWLSSGE PVDYNVDIGIPLDGETEEL</p> <p><b>TRTRPLEQLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	31.6 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:	<u><a href="#">NP_067068</a></u>
Locus ID:	58529



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UniProt ID: [Q9NP98](#)

RefSeq Size: 1583

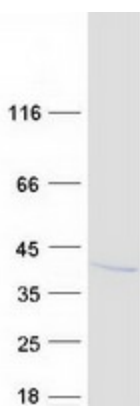
Cytogenetics: 10q22.2

RefSeq ORF: 897

Synonyms: CS-2; FATZ; MYOZ

**Summary:** The protein encoded by this gene is primarily expressed in the skeletal muscle, and belongs to the myozenin family. Members of this family function as calcineurin-interacting proteins that help tether calcineurin to the sarcomere of cardiac and skeletal muscle. They play an important role in modulation of calcineurin signaling. [provided by RefSeq, Apr 2012]

### Product images:



Coomassie blue staining of purified MYOZ1 protein (Cat# [TP306448]). The protein was produced from HEK293T cells transfected with MYOZ1 cDNA clone (Cat# [RC206448]) using MegaTran 2.0 (Cat# [TT210002]).