

## Product datasheet for **TP306448L**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human myozenin 1 (MYOZ1), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC206448 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MPLSGTPAPNKKRKSSKLIMELTGGGQESSGLNLGKKISVPRDVMLEELSLLTNRGSKMFKLRQMRVEKF  
IYENHPDVFSDSSMDHFQKFLPTVGGQLGTAGQGFSYSKSNRGGSSQAGGSGSAGQYGSQQHHLGSGSG  
AGGTGGPAGQAGRGAAGTAGVGETGSGDQAGGEGKHITVFKTYISPWERAMGVDPQQKMELGIDLLAYG  
AKAELPKYKSFNRTAMPYGGYEKASKRMTFQMPKFDLGPLLSEPLVLYNQNLNRPFSNRTPIPWLSSGE  
PVDYNVDIGIPLDGETEEL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**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:** [NP\\_067068](#)

**Locus ID:** 58529



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UniProt ID: [Q9NP98](#)

RefSeq Size: 1583

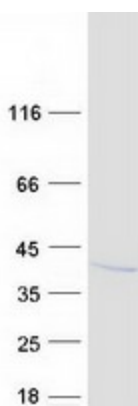
Cytogenetics: 10q22.2

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]).