

Product datasheet

Recombinant Human Myozenin 1 protein (denatured)  
ab168067

1 Image

Description

|                                   |  |
|-----------------------------------|--|
| <b>Product name</b>               | Recombinant Human Myozenin 1 protein (denatured)   |
| <b>Purity</b>                     | > 90 % SDS-PAGE.   |
| <b>Expression system</b>          | Escherichia coli   |
| <b>Accession</b>                  | <a href="#">Q9NP98</a>   |
| <b>Protein length</b>             | Full length protein  |
| <b>Animal free</b>                | No   |
| <b>Nature</b>                     | Recombinant  |
| <b>Species</b>                    | Human  |
| <b>Sequence</b>                   | <pre> MGSSHHHHHH SSGLVPRGSH MGSMP LSGTP APNKKRKSSK LIMELTGGGQ ESSGLNLGKK ISVPRDVMLE ELSLLTNRGS KMFKLRQMRV EKFIYENHPD VFSDSSMDHF QKFLPTVGGQ LGTAGQGFSY SKSNGRGGSQ AGGSGSAGQY GSDQQHHLGS GSGAGGTGGP AGQAGRGGAA GTAGVGETGS GDQAGGEGKH ITVFKTYISP WERAMGVDPQ QKMELGIDLL AYGAKAELPK YKSFNRTAMP YGGYEKASKR MTFQMPKFDL GPLLSEPLVL YNQNLNRP S FNRTPIPWLS SGEPVDYNVD IGIPLDGETE EL </pre> |
| <b>Predicted molecular weight</b> | 34 kDa including tags  |
| <b>Amino acids</b>                | 1 to 299   |
| <b>Tags</b>                       | His tag N-Terminus   |
| <b>Description</b>                | Recombinant Human Myozenin 1 protein   |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab168067** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                     |          |
|---------------------|----------|
| <b>Applications</b> | SDS-PAGE |
|---------------------|----------|

**Form** Liquid

## Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

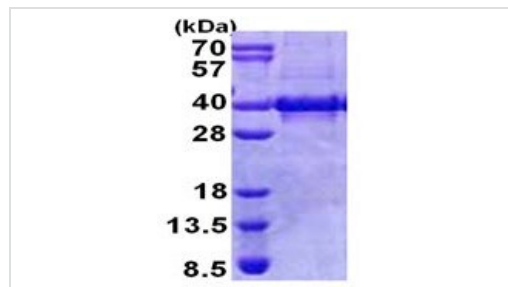
**Function** Myozenins may serve as intracellular binding proteins involved in linking Z-disk proteins such as alpha-actinin, gamma-filamin, TCAP/telethonin, LDB3/ZASP and localizing calcineurin signaling to the sarcomere. Plays an important role in the modulation of calcineurin signaling. May play a role in myofibrillogenesis.

**Tissue specificity** Expressed primarily in skeletal muscle. Detected at lower levels in heart, prostate and pancreas.

**Sequence similarities** Belongs to the myozenin family.

**Cellular localization** Nucleus. Cell projection > pseudopodium. Localized to the nucleus and pseudopodia of undifferentiated cells and detected throughout the myotubes of differentiated cells. Colocalizes with ACTN2, FLNC and MYOT at the Z-lines of skeletal muscle.

## Images



3 µg ab168067 on 15% SDS-PAGE

SDS-PAGE - Recombinant Human Myozenin 1 protein (denatured) (ab168067)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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