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Datasheet for ABIN7561620

**Myozenin 1 Protein (MYOZ1) (AA 1-296) (His tag)**

## Overview

Quantity:	1 mg
Target:	Myozenin 1 (MYOZ1)
Protein Characteristics:	AA 1-296
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myozenin 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Myoz1 Protein expressed in mammalien cells.
Sequence:	MPLSGTPAPN KRRKSSKLIM ELTGGGRESS GLNLGKKISV PRDVMLEELS LLTNRGSKMF KLRQMRVEKF IYENHPDVFS DSSMDHFQKF LPTVGGQLET AGQGFSYGKG SSGGQAGSSG SAGQYGS DRH QQSGFGAGG SGGPGGQAGG GGAPGTVGLG EPGSGDQAGG DGKHVTVFKT YISPWDRAMG VDPQQKVELG IDLLAYGAKA ELPKYKSFNR TAMPYGGY EK ASKRMTFQMP KFDLGPLLSE PLVLYNQNLN NRPSFNRTPI PWLSSGEHVD YNVDVGIPLD GETEEL <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>
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## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	Myozenin 1 (MYOZ1)
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Alternative Name:	Myoz1 ( <a href="#">MYOZ1 Products</a> )
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Background:	Myozenin-1 (Calsarcin-2) (Filamin-, actinin- and telethonin-binding protein) (Protein FATZ),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. {ECO:0000303 PubMed:10984498, ECO:0000303 PubMed:11114196, ECO:0000305}.
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Molecular Weight:	31.5 kDa
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UniProt:	<a href="#">Q9JK37</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months