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Datasheet for ABIN7561612
MYOZ2 Protein (AA 1-264) (His tag)

Overview

Quantity:	1 mg
Target:	MYOZ2
Protein Characteristics:	AA 1-264
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYOZ2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Myoz2 Protein expressed in mammalien cells.
Sequence:	MLSHSAMVKQ RKQQASAITK EIHGHDVDGM DLGKKVSIPR DIMIEELSHF SNRGARLFKM RQRRSDKYTF ENFQYESRAQ INHNIAMQNG RVDGSNLEGG SQQGPSTPPN TP DPRSPNP ENIAPGYSGP LKEIPPERFN TTAVPKYRS PWEQAIGSDP ELLEALYPKL FKPEGKALR DYRSFN RVAT PFGGF EKASK MVKFKVPDFE LLLLTDP RFL AFANPLSGRR CFNRAPKGWV SENIPVVITT EPTEDATVPE SDDL 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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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.

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

Target:	MYOZ2
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Alternative Name:	Myoz2 (MYOZ2 Products)
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Background:	Myozenin-2 (Calsarcin-1) (FATZ-related protein 2),FUNCTION: Myozenins may serve as intracellular binding proteins involved in linking Z line 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:0000269 PubMed:15543153}.
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Molecular Weight:	29.8 kDa
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UniProt:	Q9JJW5
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Application Details

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

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