

Datasheet for ABIN7563802

Myopalladin Protein (MYPN) (AA 1-1315) (His tag)



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Overview

Quantity:	1 mg
Target:	Myopalladin (MYPN)
Protein Characteristics:	AA 1-1315
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myopalladin protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Mypn Protein expressed in mammalian cells.
Sequence:	MQEDSIEAST SISQLLRESY LAETRHRGDN ERSRAEPSSN PFHFSGPGAA EGGGPEDLPD LSAFLSQEEL DESVNLARLA INHDPLERVD EAQARKRLSS DQTKHASKPS FEPAFHQDSS RGPASPKDSP PETKRPQYSS ETQSKKVFLN KAADFIEELS SLFKAHSSKR IRPRACKNHK SKTESQNKVL QENSPTFSDL TERRERASVP IPIPADSRDN ELNHAIEQRE AKRREAELAA GEAAAGDSTP GSSPSSLYYE EPLGQPPRFT QKLRSREVPE GSRVQLDCIV VGIPPPQVRW YCEGKELENS PDIHIVQAGN LHSLTIAEAF EEDTGRYSCF ASNIYGTGST SAEIYIEGVS SSDSEGDPNK EEMNRIQKPN EVSSPPTTSA AIPPAEAQV LAAQPRVSTV QQCQSPTNYL QGLNGKPIIA APVFTKMLQN LSASEGQLVV FECRVKGAPS PKVEWYREGT LIEDSPDFRI LQKKPRMAE PEEICTLVIA EVFSEDSGCF TCTASNKYGT VSSIAQLDVR GNEDISDNGA LHSANSTTNP AVAEHQPSPL NPQPLSEEQP PKPKLEGVLV NHNEPRSSSR IGLRVHFNLP EDDKDMEASS GSGAANTSQT RPNSFPERFN GQEARPEPS SPIKEPPPVV AKPKLDSTQL

QQLHNQVLLE QQQLQNTSPS SPKESLHMSA LNSAPPAVTI SSKQVKGPAP QMFNLARPKH
FFPASSTSTA TVSPSSSPVF TLSNTPQTIQ RTVSKESLLM AHPSTQGRSP GGLSIQNEPA
PPSPAEPAAP PTAAYSIPSG NQFQPHCVSP TPVSPTGRIQ NPVAFLLSSVL PSLPSIPTN
AMGLPKSAPS VPSQGLMKKT TKAPQAVSDD YIRETKNSVI LDLGKKVNFG DVRSHQQEYK
ISSFEQRLMN EIEFRLERTP VDESDDEIEH DEIPTGKCIA PIFDKRLKHF RVTEGSPVTF
TCKIVGIPVP KVVWFKDGKQ ISKRNEHCKM RREGDGTCSL HIESTHGDDD GNYTIMAANP
QGRISCSGHL MVQGLPIRSR LSPALSHRGR SRMQERDKEP LQERFFRPHF LQAPGDMVAH
EGRLCRLDCK VSGLPPPELT WLLNGQPVL P DASHKMLVRE TGVHSLLDIP LTQRDAGTYT
CVATNKTGQN SFSLELTVVA KEVKKAPVIL EKLQNSGVPE GHPVRLEGRV IGMPPPVFYW
KKDNETIPFT RERISMHQDT TGYVCLLIQP AKKSDAGWYT LSAKNEAGIV SCTARLDIYA
QWHQQIPTPI SIRPSGSRYG SLTSKGLDIF SAFSSVESTM LYSCTSRSVV ESDEL **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:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • 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
Grade:	custom-made

Target Details

Target:	Myopalladin (MYPN)
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Target Details

Alternative Name:	Mypn (MYPN Products)
Background:	Myopalladin,FUNCTION: Component of the sarcomere that tethers together nebulin (skeletal muscle) and nebulette (cardiac muscle) to alpha-actinin, at the Z lines. {ECO:0000250}.
Molecular Weight:	144.1 kDa
UniProt:	Q5DTJ9

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.
Restrictions:	For Research Use only

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