

Datasheet for ABIN7554663

Myopalladin Protein (MYPN) (AA 1-1320) (His tag)



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Overview

Quantity:	1 mg
Target:	Myopalladin (MYPN)
Protein Characteristics:	AA 1-1320
Origin:	Human
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:	MQDDSIEAST SISQLLRESY LAETRHRGNN ERSRAEPSSN PCHFGSPSGA AEGGGGQDDL PDLSAFLSQE ELDESVNLAR LAINYDPLEK ADETQARKRL SPDQMKHSPN LSFEPNFCQD NPRSPTSSKE SPQEAKRPQY CSETQSKKVF LNKAADFIEE LSSLFKSHSS KRIRPRACKN HKSKLESQNK VMQENSSSFS DLSERRERSS VPIPIPADTR DNEVNHAEQ QEAKRREAQ AASEAAGGDT TPGSSPSSLY YEEPLGQPPR FTQKLRSREV PEGTRVQLDC IVVGIPPPQV RWYCEGKELE NSPDIHIVQA GNLHSLTIAE AFEEDTGRYS CFASNIYGTD STSAEIYIEG VSSDSEGGP NKEEMNRIQK PNEVSSPPTT SAVIPPAVPQ AQHLVAQPRV ATIQQCQSPT NYLQGLDGKP IIAAPVFTKM LQNLASEGQ LVVFECRVKG APSPKVEWYR EGTLIEDSPD FRILQKKPRS MAPEEICTL VIAEVFAEDS GCFTCTASNK YGTVSSIAQL HVRGNEDLSN NGSLHSANST TNLAAIEQP SPPHSEPPSV EQPPKPKLEG VLVNHNPRSS SRIGLRVHF NLPEDDKGSE ASSEAGVVTT RQTRPDSFQE RFNGQATKTP EPSSPVKEPP PVLAKPKLDS

TQLQQLHNQV LLEQHQLQNP PPSSPKEFPF SMTVLNSNAP PAVTTSSKQV KAPSSQTFSL
ARPKYFFPST NTTAATVAPS SSPVFTLSST PQTQRTVSK ESLLVSHPSV QTKSPGGLSI
QNEPLPPGPT EPTPPPFTFS IPSGNQFQPR CVSPIVSPT SRIQNPVAFI SSVLPSPAI
PPTNAMGLPR SAPSMPSQGL AKKNTKSPQP VNDDNIRETK NAVIRDLGKK ITFSDVRPNQ
QEYKISSFEQ RLMNEIEFRL ERTPVDESDD EIQHDEIPTG KCIAPIFDKR LKHFRVTEGS
PVTFTCKIVG IPVPKVYWFK DGKQISKRNE HCKMRREGDG TCSLHIESTT SDDDGNYTIM
AANPQGRISC SGHLMVQSLP IRSRLTSAGQ SHRGRSRVQE RDKEPLQERF FRPHFLQAPG
DMVAHEGRLC RLDCKVSGLP PPELTWLLNG QPVLPDASHK MLVRETGVHS LLIDPLTQRD
AGTYKCIATN KTGQNSFSLE LSVVAKEVKK APVILEKLQN CGVPEGHPVR LECRVIGMPP
PVFYWKKDNE TIPCTRERIS MHQDTTGYAC LLIQPAKSD AGWYTLSAKN EAGIVSCTAR
LDIYAQWHHQ IPPPMSSVRPS GSRYGSLTSK GLDIFSAFSS MESTMVYSCS SRSVVEDEL

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

Target Details

Alternative Name:	MYPN (MYPN Products)
Background:	Myopalladin (145 kDa sarcomeric protein),FUNCTION: Component of the sarcomere that tethers together nebulin (skeletal muscle) and nebulin (cardiac muscle) to alpha-actinin, at the Z lines. {ECO:0000269 PubMed:11309420}.
Molecular Weight:	145.3 kDa
UniProt:	Q86TC9

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