

Product datasheet for **TP313189L**

MYPN (NM_032578) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens myopalladin (MYPN), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213189 representing NM_032578 Red =Cloning site Green =Tags(s)

MQDDSI EASTSISQLLRESYLAETRHRGNNERSRAEPSSNPCHFGSPSGAAEGGGGQDDLPLDSAFLSQE
ELDESVNLARLAINYDPLEKADETQARKRLSPDQMKHSPNLSFEPNFCQDNPRSPTSSKESPQEA KRPQY
CSETQSKKVFLNKAADFIEELSSLFKSHSSKRIRPRACKNHKSKLESQNKVMQENSSSFSDLSERRERSS
VPIPIPADTRDNEVNHAEQQEAKRREAEQAASEAAGGDTTPGSSPSSLYEEPLGQPPRFTQKLRSREV
PEGTRVQLDCIVVGIPPPQVRWYCEGKELENSPDHIVQAGNLHSLTIAEAFEEDTGRYSCFASNIYGTD
STSAEIIIEGVSSSDSEGDPNKEEMNRIQKPNEVSSPPTTSVIPPAPVQAQHLVAQPRVATIQQCQSPT
NYLQGLDGKPIIAAPVFTKMLQNLSASEGQLVVFECRVKGAPSPKVEWYREGTLIEDSPDFRILQKKPRS
MAPEEICTLVIAEVFAEDSGCFTCTASNKYGTVSSIAQLHVRGNEDLSNNGSLHSANSTTNLAAIEPQP
SPPHSEPPSVEQPPKPKLEGVLVNHNEPRSSSRIGLRVHFNLPEDDKGSEASSEAGVWTRQTRPDSFQE
RFNGQATKTPEPSSPVKEPPVLAKPKLDSTQLQQLHNQVLLEQHQQLNPPSSPKEFPNMTVLNSNA
P
PAVTTSNKQVKAPSSQTFSLARPKYFFPSTNTTAATVAPSSSPVFTLSSTPQTIQRTVSKESLLVSHPSV
QTKSPGGLSIQNEPLPPGPTEPTPPPFSTIPRGNQFQPRCVSIPVSPTSRIQNPVAFSSVLPSPAI
PPTNAMGLPRSAPSMPSQGLAKKNTKSPQPVNDNIRETKNAVIRDLGKKITFSDVRPNQQEYKISSFEQ
RLMNEIEFRLERTPVDESDDIEQHDEIPTGKCIAPFDKRLKHFRVTEGSPVTFCKIVGIPVPKVWFK
DGKQISKRNEHCKMRREGDGTCSLHIESTTSDDDGNYTIMAANPQGRISCSGHLMVQSLPIRSRLTSAGQ
SHRGRSRVQERDKPEPLQERFFRPHFLQAPGDMVAHEGRLCRLDCKVSGLPPPELTWLLNGQPVLDPDASH
K
MLVRETGVHSLIDPLTQRDAGTYKCIATNKTGQNSFSLELSVVAKEVKKAPVILEKLQNCGVPEGHPVR
LECRVIGMPPPVFYWKDNETIPCTRERISMHQDTTGYACLLIQPAKKSDAGWYTLAKNEAGIVSCTAR
LDIYAQWHHQIPPPMSVRPSGSRYGSLTSKGLDIFSAFSSMESTMVYSCSSRSVVEDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

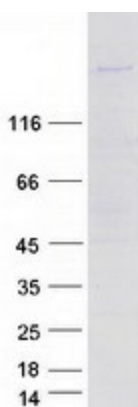
Tag:	C-Myc/DDK
Predicted MW:	145.1 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_115967
Locus ID:	84665
UniProt ID:	Q86TC9
RefSeq Size:	5707
Cytogenetics:	10q21.3
RefSeq ORF:	3960
Synonyms:	CMD1DD; CMH22; MYOP; NEM11; RCM4
Summary:	Striated muscle in vertebrates comprises large proteins which must be organized properly to contract efficiently. Z-lines in striated muscle are a sign of this organization, representing the ends of actin thin filaments, titin, nebulin or nebulin and accessory proteins required for structure and function. This gene encodes a protein which interacts with nebulin in skeletal muscle or nebulin in cardiac muscle and alpha-actinin. In addition, this gene product can interact with a protein with the I-band indicating it has a regulatory as well as structural function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified MYPN protein (Cat# [TP313189]). The protein was produced from HEK293T cells transfected with MYPN cDNA clone (Cat# [RC213189]) using MegaTran 2.0 (Cat# [TT210002]).