Product datasheet for RC213189L3V

MYPN (NM_032578) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MYPN (NM_032578) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYPN
Synonyms:	CMD1DD; CMH22; MYOP; NEM11; RCM4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_032578
ORF Size:	3960 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213189).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_032578.1, NP_115967.1
RefSeq Size:	5707 bp
RefSeq ORF:	3963 bp
Locus ID:	84665
UniProt ID:	Q86TC9
Cytogenetics:	10q21.3
MW:	145.1 kDa

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Gene 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 nebulette and accessory proteins required for structure and function. This gene encodes a protein which interacts with nebulin in skeletal muscle or nebulette 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]