

Product datasheet for **MR211692L3V**

Mybpc2 (NM_146189) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mybpc2 (NM_146189) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mybpc2
Synonyms:	MGC28149
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_146189
ORF Size:	3411 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211692).
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_146189.3
RefSeq Size:	3624 bp
RefSeq ORF:	3411 bp
Locus ID:	233199
UniProt ID:	Q5XKE0
Cytogenetics:	7 B3



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Gene Summary:

Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a bands. In vitro it binds MHC, F-actin and native thin filaments, and modifies the activity of actin-activated myosin ATPase. It may modulate muscle contraction or may play a more structural role (By similarity).[UniProtKB/Swiss-Prot Function]