

## Product datasheet for **RC227214L4V**

### MEF2B (NM\_001145785) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MEF2B (NM_001145785) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MEF2B
Synonyms:	RSRFR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145785
ORF Size:	1104 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227214).
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. <a href="#">More info</a>
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:	<a href="#">NM_001145785.1</a>
RefSeq ORF:	1107 bp
Locus ID:	100271849
UniProt ID:	<a href="#">Q02080</a>
Cytogenetics:	19p13.11
MW:	39 kDa



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**Gene Summary:**

The product of this gene is a member of the MADS/MEF2 family of DNA binding proteins. The protein is thought to regulate gene expression, including expression of the smooth muscle myosin heavy chain gene. This region undergoes considerable alternative splicing, with transcripts supporting two non-overlapping loci (GeneID 729991 and 100271849) as well as numerous read-through transcripts that span both loci (annotated as GeneID 4207). Several isoforms of this protein are expressed from either this locus or from some of the read-through transcripts annotated on GeneID 4207. [provided by RefSeq, Jan 2014]