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Product datasheet for RC225855L4V

MEF2A (NM_001130926) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MEF2A (NM_001130926) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MEF2A
Synonyms:	ADCAD1; mef2; RSRFC4; RSRFC9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130926
ORF Size:	1491 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225855).
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_001130926.1, NP_001124398.1
RefSeq Size:	5481 bp
RefSeq ORF:	1494 bp
Locus ID:	4205
Cytogenetics:	15q26.3
Protein Families:	Transcription Factors
MW:	53.5 kDa

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Gene Summary: The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]