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Product datasheet for RC200030L4V

MECR (NM_001024732) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MECR (NM_001024732) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MECR
Synonyms:	CGI-63; DYTOABG; ETR1; FASN2B; NRBF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001024732
ORF Size:	1122 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200030).
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_001024732.2, NP_001019903.1, NP_001019903.2
RefSeq Size:	2666 bp
RefSeq ORF:	894 bp
Locus ID:	51102
UniProt ID:	Q9BV79
Cytogenetics:	1p35.3
Protein Families:	Druggable Genome
Protein Pathways:	Fatty acid elongation in mitochondria, Metabolic pathways

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MW: 40.4 kDa

Gene Summary: The protein encoded by this gene is an oxidoreductase that catalyzes the last step in mitochondrial fatty acid synthesis. Defects in this gene are a cause of childhood-onset dystonia and optic atrophy. [provided by RefSeq, Mar 2017]