

Product datasheet for **RC205018L4V**

MCEE (NM_032601) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MCEE (NM_032601) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MCEE
Synonyms:	GLOD2; MCE
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032601
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205018).
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_032601.2 , NP_115990.2
RefSeq Size:	875 bp
RefSeq ORF:	531 bp
Locus ID:	84693
UniProt ID:	Q96PE7
Cytogenetics:	2p13.3
Protein Pathways:	Metabolic pathways, Propanoate metabolism, Valine, leucine and isoleucine degradation
MW:	18.7 kDa



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Gene Summary:

The product of this gene catalyzes the interconversion of D- and L-methylmalonyl-CoA during the degradation of branched chain amino acids, odd chain-length fatty acids, and other metabolites. Mutations in this gene result in methylmalonyl-CoA epimerase deficiency, which is presented as mild to moderate methylmalonic aciduria. [provided by RefSeq, Jul 2008]