Product datasheet for RC228967L4V

EME1 (NM_001166131) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EME1 (NM_001166131) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EME1
Synonyms:	MMS4L; SLX2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001166131
ORF Size:	1749 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228967).
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_001166131.1, NP_001159603.1
RefSeq Size:	2371 bp
RefSeq ORF:	1752 bp
Locus ID:	146956
UniProt ID:	Q96AY2
Cytogenetics:	17q21.33
Protein Pathways:	Homologous recombination
MW:	64.8 kDa

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Gene Summary: This gene encodes a protein that complexes with methyl methanesulfonate-sensitive UV-sensitive 81 protein to form an endonuclease complex. The encoded protein interacts with specifc DNA structures including nicked Holliday junctions, 3'-flap structures and aberrant replication fork structures. This protein may be involved in repairing DNA damage and in maintaining genomic stability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]