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Product datasheet for RC226899L4V

EML4 (NM_001145076) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EML4 (NM_001145076) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EML4
Synonyms:	C2orf2; ELP120; EMAP-4; EMAPL4; ROPP120
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145076
ORF Size:	2769 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226899).
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_001145076.1
RefSeq ORF:	2772 bp
Locus ID:	27436
UniProt ID:	Q9HC35
Cytogenetics:	2p21
Protein Families:	Druggable Genome
MW:	102.3 kDa

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Gene Summary: This gene is a member of the echinoderm microtubule associated protein-like family. The encoded WD-repeat protein may be involved in microtubule formation. Abnormal fusion of parts of this gene with portions of the anaplastic lymphoma receptor tyrosine kinase gene, which generates EML4-ALK fusion transcripts, is one of the primary mutations associated with non-small cell lung cancer. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq, Jan 2015]