Product datasheet for RC209255L3V

PP4R1 (PPP4R1) (NM_005134) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PP4R1 (PPP4R1) (NM_005134) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PP4R1
Synonyms:	MEG1; PP4(Rmeg); PP4R1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005134
ORF Size:	2799 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209255).
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_005134.1
RefSeq Size:	3929 bp
RefSeq ORF:	2802 bp
Locus ID:	9989
UniProt ID:	Q8TF05
Cytogenetics:	18p11.22
Domains:	HEAT
Protein Families:	Druggable Genome, Phosphatase

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MW: 105.2 kDa

Gene Summary: This gene encodes one of several alternate regulatory subunits of serine/threonine protein phosphatase 4 (PP4). The protein features multiple HEAT repeats. This protein forms a complex with PP4RC. This complex may have a distinct role from other PP4 complexes, including regulation of HDAC3 (Zhang et al., PMID: 15805470). There is also a transcribed pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]