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Product datasheet for RC201334L1V

PP2A-alpha (PPP2CA) (NM_002715) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PP2A-alpha (PPP2CA) (NM_002715) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PP2A-alpha
Synonyms:	NEDLBA; PP2Ac; PP2CA; PP2Calpha; RP-C
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002715
ORF Size:	927 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201334).`
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_002715.2
RefSeq Size:	2643 bp
RefSeq ORF:	930 bp
Locus ID:	5515
UniProt ID:	P67775
Cytogenetics:	5q31.1
Domains:	Metallophos, PP2Ac
Protein Families:	Druggable Genome, Phosphatase, Transcription Factors

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Protein Pathways: Long-term depression, Oocyte meiosis, TGF-beta signaling pathway, Tight junction, Wnt signaling pathway

MW: 35.6 kDa

Gene Summary: This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit. [provided by RefSeq, Jul 2008]