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Product datasheet for RC220842L3V

LPPR4 (PLPPR4) (NM_014839) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LPPR4 (PLPPR4) (NM_014839) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LPPR4
Synonyms:	LPPR4; LPR4; PHP1; PRG-1; PRG1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014839
ORF Size:	2289 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC220842).`
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_014839.3, NP_055654.2
RefSeq Size:	4988 bp
RefSeq ORF:	2148 bp
Locus ID:	9890
UniProt ID:	Q7Z2D5
Cytogenetics:	1p21.3-p21.2
Protein Families:	Transmembrane
MW:	82.8 kDa

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Gene Summary: The protein encoded by this gene belongs to the lipid phosphate phosphatase (LPP) family. LPPs catalyze the dephosphorylation of a number of bioactive lipid mediators that regulate a variety of cell functions. This protein is specifically expressed in neurons. It is located in the membranes of outgrowing axons and has been shown to be important for axonal outgrowth during development and regenerative sprouting. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]