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Product datasheet for RC200853L3V

PROSC (PLPBP) (NM_007198) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PROSC (PLPBP) (NM_007198) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLPBP
Synonyms:	EPVB6D; PROSC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007198
ORF Size:	825 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200853).
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_007198.2
RefSeq Size:	2586 bp
RefSeq ORF:	828 bp
Locus ID:	11212
UniProt ID:	O94903
Cytogenetics:	8p11.23
Domains:	Ala_racemase_N
MW:	30.3 kDa

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Gene Summary: This gene encodes a pyridoxal 5'-phosphate binding protein involved in the homeostatic regulation of intracellular pyridoxal 5'-phosphate. This gene has a tumor suppressive effect on hepatocellular carcinoma and other solid tumors of epithelial origin. Naturally occurring mutations in this gene are associated with a pyridoxine-dependent epilepsy. [provided by RefSeq, Mar 2017]