

Product datasheet for RC200853L1V

OriGene Technologies, Inc.

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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:

None

Vector: pLenti-C-Myc-DDK (PS100064)

Tag: Myc-DDK
ACCN: NM 007198

ORF Size: 825 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC200853).

Sequence:

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.

RefSeg: NM 007198.2

 RefSeq Size:
 2586 bp

 RefSeq ORF:
 828 bp

 Locus ID:
 11212

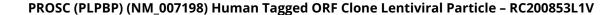
 UniProt ID:
 094903

 Cytogenetics:
 8p11.23

Domains: Ala_racemase_N

MW: 30.3 kDa







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]