

Product datasheet for **RC210719L4V**

PRPSAP2 (NM_002767) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRPSAP2 (NM_002767) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRPSAP2
Synonyms:	PAP41
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002767
ORF Size:	1107 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210719).
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_002767.2
RefSeq Size:	2021 bp
RefSeq ORF:	1110 bp
Locus ID:	5636
UniProt ID:	O60256
Cytogenetics:	17p11.2
Domains:	Pribosyltran
Protein Families:	Druggable Genome



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MW: 40.9 kDa

Gene Summary: This gene encodes a protein that associates with the enzyme phosphoribosylpyrophosphate synthetase (PRS). PRS catalyzes the formation of phosphoribosylpyrophosphate which is a substrate for synthesis of purine and pyrimidine nucleotides, histidine, tryptophan and NAD. PRS exists as a complex with two catalytic subunits and two associated subunits. This gene encodes a non-catalytic associated subunit of PRS. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]