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Product datasheet for RC202773L2V

PSP (REG1A) (NM_002909) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSP (REG1A) (NM_002909) Human Tagged ORF Clone Lentiviral Particle
Symbol:	REG1 alpha
Synonyms:	ICRF; P19; PSP; PSPS; PSPS1; PTP; REG
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002909
ORF Size:	498 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202773).`
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_002909.3
RefSeq Size:	821 bp
RefSeq ORF:	501 bp
Locus ID:	5967
UniProt ID:	P05451
Cytogenetics:	2p12
MW:	18.7 kDa

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Gene Summary: This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III and IV, based on the primary structures of the encoded proteins. This gene encodes a protein that is secreted by the exocrine pancreas. It is associated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Reg family members REG1B, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication. [provided by RefSeq, Jul 2008]