

Product datasheet for **RC212915L4V**

PSIP1 (NM_021144) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSIP1 (NM_021144) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSIP1
Synonyms:	DFS70; LEDGF; p52; p75; PAIP; PSIP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021144
ORF Size:	999 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212915).
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_021144.2
RefSeq Size:	1677 bp
RefSeq ORF:	1002 bp
Locus ID:	11168
UniProt ID:	O75475
Cytogenetics:	9p22.3
Domains:	PWWP
Protein Families:	Stem cell - Pluripotency, Transcription Factors



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MW: 37.5 kDa

Gene Summary: Transcriptional coactivator involved in neuroepithelial stem cell differentiation and neurogenesis. Involved in particular in lens epithelial cell gene regulation and stress responses. May play an important role in lens epithelial to fiber cell terminal differentiation. May play a protective role during stress-induced apoptosis. Isoform 2 is a more general and stronger transcriptional coactivator. Isoform 2 may also act as an adapter to coordinate pre-mRNA splicing. Cellular cofactor for lentiviral integration.[UniProtKB/Swiss-Prot Function]