

Product datasheet for **RR202132L4V**

Ns5atp9 (Pclaf) (NM_201418) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ns5atp9 (Pclaf) (NM_201418) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Pclaf
Synonyms:	Ns5atp9; Paf; PAF15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_201418
ORF Size:	330 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202132).
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_201418.1 , NP_958821.1
RefSeq Size:	333 bp
RefSeq ORF:	333 bp
Locus ID:	300795
UniProt ID:	Q6RIA2
Cytogenetics:	8q24



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Gene Summary:

PCNA-binding protein that acts as a regulator of DNA repair during DNA replication. Following DNA damage, the interaction with PCNA is disrupted, facilitating the interaction between monoubiquitinated PCNA and the translesion DNA synthesis DNA polymerase eta (POLH) at stalled replisomes, facilitating the bypass of replication-fork-blocking lesions. Also acts as a regulator of centrosome number (By similarity).[UniProtKB/Swiss-Prot Function]