

Product datasheet for **RC216169L4V**

NPVF (NM_022150) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NPVF (NM_022150) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPVF
Synonyms:	C7orf9; RFRP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022150
ORF Size:	588 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216169).
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_022150.2 , NP_071433.3
RefSeq Size:	1190 bp
RefSeq ORF:	591 bp
Locus ID:	64111
UniProt ID:	Q9HCQ7
Cytogenetics:	7p15.3
Protein Families:	Druggable Genome, Secreted Protein
MW:	22.3 kDa



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Gene Summary:

Neuropeptide RFRP-1 acts as a potent negative regulator of gonadotropin synthesis and secretion. Neuropeptides NPSF and NPVF efficiently inhibit forskolin-induced production of cAMP, but RFRP-2 shows no inhibitory activity. Neuropeptide RFRP-1 induces secretion of prolactin in rats. Neuropeptide NPVF blocks morphine-induced analgesia.[UniProtKB/Swiss-Prot Function]