

Product datasheet for **RC227952L4V**

NPFFR2 (NM_001144756) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NPFFR2 (NM_001144756) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPFFR2
Synonyms:	GPR74; HLWAR77; NPFF2; NPGPR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001144756
ORF Size:	1269 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227952).
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_001144756.1 , NP_001138228.1
RefSeq Size:	2052 bp
RefSeq ORF:	1272 bp
Locus ID:	10886
UniProt ID:	Q9Y5X5
Cytogenetics:	4q13.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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MW: 49.1 kDa

Gene Summary: This gene encodes a member of a subfamily of G-protein-coupled neuropeptide receptors. This protein is activated by the neuropeptides A-18-amide (NPAF) and F-8-amide (NPFF) and may function in pain modulation and regulation of the opioid system. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009]