OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC217439L2V

NPFF1 Receptor (NPFFR1) (NM_022146) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NPFF1 Receptor (NPFFR1) (NM_022146) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPFF1 Receptor
Synonyms:	GPR147; NPFF1; NPFF1R1; OT7T022
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_022146
ORF Size:	1292 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217439).
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_022146.1
RefSeq Size:	1311 bp
RefSeq ORF:	1293 bp
Locus ID:	64106
UniProt ID:	Q9GZQ6
Cytogenetics:	10q22.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction

View online »

MW: 47.8 kDa

Gene Summary: Receptor for NPAF (A-18-F-amide) and NPFF (F-8-F-amide) neuropeptides, also known as morphine-modulating peptides. Can also be activated by a variety of naturally occurring or synthetic FMRF-amide like ligands. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. [UniProtKB/Swiss-Prot Function]