

Product datasheet for **RC217439L1V**

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

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| 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 |



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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]