

Product datasheet for **RC218477L4V**

SNX27 (NM_030918) Human Tagged ORF Clone Lentiviral Particle

Product data:

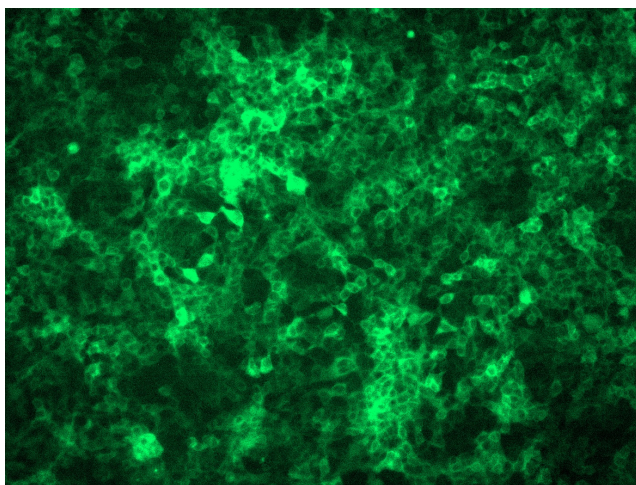
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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SNX27 (NM_030918) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SNX27 |
| Synonyms: | MRT1; MY014 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_030918 |
| ORF Size: | 1584 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218477). |
| 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_030918.5 |
| RefSeq Size: | 7085 bp |
| RefSeq ORF: | 1587 bp |
| Locus ID: | 81609 |
| UniProt ID: | Q96L92 |
| Cytogenetics: | 1q21.3 |
| Domains: | RA, PX |
| MW: | 59.6 kDa |



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Gene Summary:

This gene encodes a member of the sorting nexin family, a diverse group of cytoplasmic and membrane-associated proteins involved in endocytosis of plasma membrane receptors and protein trafficking through these compartments. All members of this protein family contain a phosphoinositide binding domain (PX domain). A highly similar protein in mouse is responsible for the specific recruitment of an isoform of serotonin 5-hydroxytryptamine 4 receptor into early endosomes, suggesting the analogous role for the human protein. [provided by RefSeq, Jul 2008]

Product images:

[RC218477L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC218477L4V particle to overexpress human SNX27-mGFP fusion protein.