

Product datasheet for **RC229865L4V**

ZFYVE27 (NM_001174121) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | ZFYVE27 (NM_001174121) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ZFYVE27 |
| Synonyms: | PROTRUDIN; SPG33 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001174121 |
| ORF Size: | 933 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC229865). |
| 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_001174121.1 , NP_001167592.1 |
| RefSeq ORF: | 936 bp |
| Locus ID: | 118813 |
| UniProt ID: | Q5T4F4 |
| Cytogenetics: | 10q24.2 |
| Protein Families: | Transmembrane |
| MW: | 35.1 kDa |



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Gene Summary:

This gene encodes a protein with several transmembrane domains, a Rab11-binding domain and a lipid-binding FYVE finger domain. The encoded protein appears to promote neurite formation. A mutation in this gene has been reported to be associated with hereditary spastic paraplegia, however the pathogenicity of the mutation, which may simply represent a polymorphism, is unclear. [provided by RefSeq, Mar 2010]