

Product datasheet for **RC230684L4V**

Synaptojanin 2 (SYNJ2) (NM_001178088) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Synaptojanin 2 (SYNJ2) (NM_001178088) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Synaptojanin 2 |
| Synonyms: | INPP5H |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001178088 |
| ORF Size: | 3777 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230684). |
| 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_001178088.1 |
| RefSeq ORF: | 3780 bp |
| Locus ID: | 8871 |
| UniProt ID: | O15056 |
| Cytogenetics: | 6q25.3 |
| Protein Families: | Druggable Genome, Phosphatase |
| Protein Pathways: | Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system |
| MW: | 139.7 kDa |



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Gene Summary:

The gene is a member of the inositol-polyphosphate 5-phosphatase family. The encoded protein interacts with the ras-related C3 botulinum toxin substrate 1, which causes translocation of the encoded protein to the plasma membrane where it inhibits clathrin-mediated endocytosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]