

## Product datasheet for **RC215806L1V**

### SH3GL2 (NM\_003026) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | SH3GL2 (NM_003026) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | SH3GL2   |
| Synonyms:                 | CNSA2; EEN-B1; SH3D2A; SH3P4   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_003026  |
| ORF Size:                 | 1056 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC215806).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_003026.1</a>  |
| RefSeq Size:              | 2540 bp  |
| RefSeq ORF:               | 1059 bp  |
| Locus ID:                 | 6456   |
| UniProt ID:               | <a href="#">Q99962</a>   |
| Cytogenetics:             | 9p22.2   |
| Domains:                  | SH3, BAR   |
| Protein Pathways:         | Endocytosis  |



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**MW:** 39.8 kDa

**Gene Summary:** Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth. Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes. [UniProtKB/Swiss-Prot Function]