

## Product datasheet for **RC213023L2V**

### FGD6 (NM\_018351) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | FGD6 (NM_018351) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | FGD6   |
| Synonyms:                 | ZFYVE24  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_018351  |
| ORF Size:                 | 4290 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC213023).   |
| 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_018351.2</a>  |
| RefSeq Size:              | 4996 bp  |
| RefSeq ORF:               | 4293 bp  |
| Locus ID:                 | 55785  |
| UniProt ID:               | <a href="#">Q6ZV73</a>   |
| Cytogenetics:             | 12q22  |
| Domains:                  | FYVE, PH   |
| MW:                       | 160.6 kDa  |



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**Gene Summary:**

May activate CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. May play a role in regulating the actin cytoskeleton and cell shape (By similarity).[UniProtKB/Swiss-Prot Function]