

Product datasheet for **RC209030L2V**

FENS1 (WDFY1) (NM_020830) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | FENS1 (WDFY1) (NM_020830) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | FENS1 |
| Synonyms: | FENS-1; FENS1; WDF1; ZFYVE17 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_020830 |
| ORF Size: | 1230 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209030). |
| 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_020830.3 |
| RefSeq Size: | 4607 bp |
| RefSeq ORF: | 1233 bp |
| Locus ID: | 57590 |
| UniProt ID: | Q8IWB7 |
| Cytogenetics: | 2q36.1 |
| Domains: | FYVE, WD40 |
| MW: | 46.3 kDa |



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Gene Summary:

The protein encoded by this gene is a phosphatidylinositol 3-phosphate binding protein, which contains a FYVE zinc finger domain and multiple WD-40 repeat domains. When exogenously expressed, it localizes to early endosomes. Mutagenesis analysis demonstrates that this endosomal localization is mediated by the FYVE domain. [provided by RefSeq, Jan 2015]