

Product datasheet for **RC203546L4V**

WIPI2 (NM_016003) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | WIPI2 (NM_016003) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | WIPI2 |
| Synonyms: | ATG18B; Atg21; CGI-50; IDDSSA; WIPI-2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_016003 |
| ORF Size: | 1308 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC203546). |
| 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_016003.3 , NP_057087.2 |
| RefSeq Size: | 4435 bp |
| RefSeq ORF: | 1311 bp |
| Locus ID: | 26100 |
| UniProt ID: | Q9Y4P8 |
| Cytogenetics: | 7p22.1 |
| Domains: | WD40 |
| MW: | 47.4 kDa |



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Gene Summary:

WD40 repeat proteins are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins, such as WIPI2, have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids (Proikas-Cezanne et al., 2004 [PubMed 15602573]).[supplied by OMIM, Mar 2008]