

Product datasheet for **MR209831L4V**

Wrnip1 (NM_030215) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Wrnip1 (NM_030215) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Wrnip1 |
| Synonyms: | 4833444L21Rik; WHIP; Wrnip |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_030215 |
| ORF Size: | 1980 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR209831). |
| 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_030215.3 , NP_084491.3 |
| RefSeq Size: | 2642 bp |
| RefSeq ORF: | 1983 bp |
| Locus ID: | 78903 |
| UniProt ID: | Q91XU0 |
| Cytogenetics: | 13 A3.2 |



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Gene Summary:

Functions as a modulator of initiation or reinitiation events during DNA polymerase delta-mediated DNA synthesis. In the presence of ATP, stimulation of DNA polymerase delta-mediated DNA synthesis is decreased. Plays also a role in the innate immune defense against viruses. Stabilizes the RIG-I/DDX58 dsRNA interaction and promotes RIG-I/DDX58 'Lys-63'-linked polyubiquitination. In turn, RIG-I/DDX58 transmits the signal through mitochondrial MAVS.[UniProtKB/Swiss-Prot Function]