

Product datasheet for **RC201470L4V**

C18orf55 (TIMM21) (NM_014177) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | C18orf55 (TIMM21) (NM_014177) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | C18orf55 |
| Synonyms: | C18orf55; HSPC154; TIM21 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_014177 |
| ORF Size: | 744 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201470). |
| 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_014177.1 |
| RefSeq Size: | 1562 bp |
| RefSeq ORF: | 747 bp |
| Locus ID: | 29090 |
| UniProt ID: | Q9BVV7 |
| Cytogenetics: | 18q22.3 |
| Protein Families: | Transmembrane |
| MW: | 28.2 kDa |



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Gene Summary:

Participates in the translocation of transit peptide-containing proteins across the mitochondrial inner membrane. Also required for assembly of mitochondrial respiratory chain complex I and complex IV as component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex. Probably shuttles between the presequence translocase and respiratory-chain assembly intermediates in a process that promotes incorporation of early nuclear-encoded subunits into these complexes.[UniProtKB/Swiss-Prot Function]