

Product datasheet for **RC211280L3V**

RNF152 (NM_173557) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | RNF152 (NM_173557) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RNF152 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_173557 |
| ORF Size: | 609 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC211280). |
| 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_173557.2 |
| RefSeq Size: | 1805 bp |
| RefSeq ORF: | 612 bp |
| Locus ID: | 220441 |
| UniProt ID: | Q8N8N0 |
| Cytogenetics: | 18q21.33 |
| Protein Families: | Transmembrane |
| MW: | 22.4 kDa |



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Gene Summary:

E3 ubiquitin-protein ligase mediating 'Lys-63'-linked polyubiquitination of RRAGA in response to amino acid starvation. Thereby, regulates mTORC1 signaling and plays a role in the cellular response to amino acid availability (PubMed:25936802). Also mediates 'Lys-48'-linked polyubiquitination of target proteins and their subsequent targeting to the proteasome for degradation. Induces apoptosis when overexpressed (PubMed:21203937).[UniProtKB/Swiss-Prot Function]