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# Product datasheet for RC201733L3V

## CD63 (NM_001780) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | CD63 (NM_001780) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | CD63 |
| **Synonyms:** | LAMP-3; ME491; MLA1; OMA81H; TSPAN30 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001780 |
| **ORF Size:** | 714 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(RC201733).` |
| **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_001780.4 |
| **RefSeq Size:** | 1032 bp |
| **RefSeq ORF:** | 717 bp |
| **Locus ID:** | 967 |
| **UniProt ID:** | P08962 |
| **Cytogenetics:** | 12q13.2 |
| **Domains:** | transmembrane4 |
| **Protein Families:** | Druggable Genome, Transmembrane |

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**Protein Pathways:** Lysosome

**MW:** 25.6 kDa

**Gene Summary:** The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012]