

Product datasheet for **RC221168L3V**

CHRNA1 (NM_001039523) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | CHRNA1 (NM_001039523) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CHRNA1 |
| Synonyms: | ACHRA; ACHRD; CHRNA; CMS1A; CMS1B; CMS2A; FCCMS; SCCMS |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001039523 |
| ORF Size: | 1446 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC221168). |
| 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_001039523.1 |
| RefSeq Size: | 2040 bp |
| RefSeq ORF: | 1449 bp |
| Locus ID: | 1134 |
| UniProt ID: | P02708 |
| Cytogenetics: | 2q31.1 |
| Protein Families: | Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane |
| MW: | 54.55 kDa |



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Gene Summary:

The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha subunits and 1 each of the beta, gamma, and delta subunits. This gene encodes an alpha subunit that plays a role in acetylcholine binding/channel gating. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Nov 2012]