**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for RC213942L1V

## CHRM2 (NM_001006630) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | CHRM2 (NM_001006630) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | CHRM2 |
| **Synonyms:** | HM2 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pLenti-C-Myc-DDK (PS100064) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_001006630 |
| **ORF Size:** | 1399 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC213942). |
| **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_001006630.1, NP_001006631.1 |
| **RefSeq Size:** | 2782 bp |
| **RefSeq ORF:** | 1401 bp |
| **Locus ID:** | 1129 |
| **UniProt ID:** | P08172 |
| **Cytogenetics:** | 7q33 |
| **Protein Families:** | Druggable Genome, GPCR, Transmembrane |

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

| | |
|---|---|
| **Protein Pathways:** | Calcium signaling pathway, Neuroactive ligand-receptor interaction, Regulation of actin cytoskeleton |
| **MW:** | 51.7 kDa |
| **Gene Summary:** | The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine to these receptors and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008] |

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US