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Product datasheet for RC205794L1V

CHRM1 (NM_000738) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHRM1 (NM_000738) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHRM1
Synonyms:	HM1; M1; M1R
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000738
ORF Size:	1380 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205794).
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_000738.2
RefSeq Size:	2863 bp
RefSeq ORF:	1383 bp
Locus ID:	1128
UniProt ID:	P11229
Cytogenetics:	11q12.3
Protein Families:	Druggable Genome, GPCR, Transmembrane

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Protein Pathways:	Calcium signaling pathway, Neuroactive ligand-receptor interaction, Regulation of actin cytoskeleton
MW:	51.2 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 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 1 is involved in mediation of vagally-induced bronchoconstriction and in the acid secretion of the gastrointestinal tract. The gene encoding this receptor is localized to 11q13. [provided by RefSeq, Jul 2008]