

Product datasheet for **SC209614**

CHRM2 (NM_001006629) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHRM2 (NM_001006629) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHRM2
Synonyms:	HM2
ACCN:	NM_001006629
Insert Size:	2000 bp



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Insert Sequence: >SC209614 3'UTR clone of NM_001006629
The sequence shown below is from the reference sequence of NM_001006629. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CATTATAAGAACATAGGCGCTACAAGGTAATATCTTTGAAAAAGATAGAAGGTGGCAAGGGGAGCT
TGAGAAGAATAAAAGGGATAAACGAGCTCTAGTTTTAAATCTCTGCCATTGCACTTTATAGTCTGAT
TACAAAACGTGCAATTCAGGAGCCAGCAGTGACACACTTATCACGCCTAGGCTCCAGTTTGCAAAAAT
TGCACCTTATAAACTGTCAGTATTAGGAGCAATGAGACAATGAAAGAAACATGTTGGGATCGTGGATTT
AAGAACTATACACTGTTTCTCATAATCTCTGAAGAAGGGCTTCTGATTCTACAATTTTATCAGTCTC
TGCACAAGAGGAATAACCTTGTTCTTTTTGTTACTTTTGTGTTGTTGTTCTCATGTGTCCTTAAGA
GAAGGAAATGCCACAGTTACAAGGTAACATGGAGACTTAAACATAAAGAAATAGGCACTATACAATGG
GGACATAAAAAAAGAAAATCAAAGAAGGATGCAGAAATTGTCTCCGGAGTGTAAAGCATATTTTATTCT
TTTGTTACGGTCTATTTAGAGGATTGGAATGTAATAAATGCTTATTTTTGTCCTTTCTTTTTCCACC
ATGAAGAGAAAGCAAACAACAGAAACCCCAACTAGGTCACACCATTTTTCTTCTGTTATGCCACTAT
TTTGTACATCCCTGTTCTATATTGTTTATAGGGAAAACCTACAGGACTTTCACTAAAGCTAGCCAGAGA
CAGCCATGAAAATGGACGTTTCAACCCTCTCACTGTGTCCTTTGCATTCGTTGGGGATATCAAGGTCT
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CCTTTTATATCAACAGAATATCCTACCTAAAACATAAACCTGTTTAAAGAAACCATCGTCACTGTAAGT
TGAGGTTTCATCAAATTAATAATGGACTATCTAGTTGGACCAAGTTTATTAAGTCAGGTGAATTTTA
AGATTAATAAATAAGAAGTTTAGGACTTTTCTATTTCAACCTGAATTTGCCTGACCCATGTATGAAATGTT
AACTTATAGAAAATGAACCTCTGACTTTCTCAGCAGAAAGGAATGCTGTTTTATTTATTTGGAATCCTA
AACAGGATTAACATACTACATAGCACAGTATTTCTGGCCAGTCCCTAGAGAATAGAACCTTCTAT
CCAATGCCTGCTAAAGGATGATATTCAAATTATAACCAAGTGAAGGATGTCTGCAATTATCCTATGACCC
CATGAAAGGGGAAAAACGATATTTTAAAACTTACTGAAACAATTACATATTCATATTCCTCAAA
TTGTCAATTCTCCCTAACATTATTTAACTTCAAATTTCTTTATCAATAGAATTATAGTAATCTTTGTG
ACAGAAATGTAGTGGCTAACTAAATAGAGGCCAAACGAGCTTACAGAATCTGACAGAAGGAGGTAGGTG
GCTGTTGCCATGCCACATCTCACCATCTAATTCTAGACCATAATAATCATGTCAGGAACTATTATCTAA
GTGGTGGCATTATATAGAATCTTGCCACGTAGAGATTTTTTATTTGGTCTGCTAAATAAATATAGGATT
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GTTTTCCAATGAGATTTTCTAAAAATGGCTCAATCAATGAAATCAAATTATAAAGCATTGCAAAATT
TCATATTTGGATTTTAGATTTATGATATCTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT
TCAATATTAGACCCAGCACTTAAAGAAATTTTTGTATGATTAGCCTCATAGATGCCACCTCAACAT
TTTGGAGAGTTAAGGAGGAAAAAAGCATGAGGGAAAAAACCACAAAACTTATAAGTTAGTAAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001006629.3](#)

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]

Locus ID: 1129

MW: 77.7