

## Product datasheet for **SC212280**

### CHRM1 (NM\_000738) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CHRM1 (NM\_000738) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CHRM1  
**Synonyms:** HM1; M1; M1R  
**ACCN:** NM\_000738  
**Insert Size:** 1069 bp  
**Insert Sequence:** >SC212280 3'UTR clone of NM\_000738  
The sequence shown below is from the reference sequence of NM\_000738. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGCACCGCACTCCCTCCCGCAATGCTGATAGTCCCCTCTCCTGCATCCCTCCACCCAGTCCCCGGG
AAAGCCCGGTGGGAAGAGGGCAGGGGCTGCATCCTCAGCCCCAGGCCCCGCTCAGGCCTCACCTGGCT
TCCAGGACCCTGGGTACCTTCTGGGACGCCAGAGAGACCCTGCCAACTTTCAGACTTCGCTATT
CCCAGGCAGGGAGGAAACCCGGGAACTGGTTTTTCTGTTCCCTGCTGGGTGGGAATGCCTCTTAC
CAGGAAGAAGGCCCGGGAGGAGGATCCGGGCTTTGGACTCCTTGTGTTGCCTTTAGGCAGGAAGTCAGGA
GCCAGCAGGGCGGCCAGGAGAAAGAAGGCTTAACATTAAGTATTCCTTGGCCCAGCAGCGGCCAGAT
TGCGGTGTGAGATGGTGCCCTGGGGGACAGCCAGAACTGAACTGGCCGCTGGGAGAAAAGCCAG
ATGACAGGGAGCTGGGAATCCCTCGCTTCATAGGCAGAGCCCCACCTGGGCCCTAGGCATACTC
TCCAGGATTGTCCACAAATGCTCCTCAGAGGTCCCTAGGTGGTCAACTCAAGGCAAATGTCCAAGCA
TCAGCAAGACAATGACTGGAAGGTCGGCTTGGCTAGTCACATATCAAGTCCCGAGGCAGCAACAG
GACCAGGAGCCAGGTGTCTGACTGTCTACAATATCATTTCCTGGGAGTGGGAGTCAAGTGTGCCTG
CTATCCAGCCGAAATCCATACCCCTGCCAGAGAAGCCTCAGTCCCTCCCTCCTGGCTCACAGCCA
CCACCTGGATGGATCTGCTCCATGCAGATCTAGCCAGGCCTCCCGCATGTGCTGCCTCCGGCCCTGC
CCCACACAGGCCTGGCCAGCCAGCAGGTTCTCTCCTGTGAGCTCCCAATCCAACCCATGCATGGCCT
CCCAGCCACCCGGATCTCCAGGCCAGCCTGGCCCCAAATGTTCTTTCCTTTCATCCTCAGCAAGTGT
GAGTCTGTGAATAAAGCCACATAACCAGCGGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000738.3</a></u>
<b>Summary:</b>	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]
<b>Locus ID:</b>	1128
<b>MW:</b>	38.4