

## Product datasheet for **SC207197**

### CHRNA10 (NM\_020402) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CHRNA10 (NM_020402) Human 3' UTR Clone
Symbol:	CHRNA10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020402
Insert Size:	550 bp
Insert Sequence:	<p>&gt;SC207197 3'UTR clone of NM_020402</p> <p>The sequence shown below is from the reference sequence of NM_020402. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGCCTCCTGGTGTGGTGCAGGCCCTGTGAGGGCTGGGACTAAGTCACAGGGATCTGCTGCAGCCACAG
CTCCTCCAGAAAGGGACAGCCACGGCCAAGTGGTGTCTTTGGGCCAGCCAGTCTCTCCCCACTG
CTCCTAAGATCCTGAGACACTTGACTTCACAATCCACAAGGGAGCACTCATTGTCTACACACCCTAACT
AAAGGAAGTCCAGAGCCTGCCACTCCCCTAATTCCAAAAAAGAGGAACTCTACAAAGGCCAAGATCA
CAGAGTACAGTCTTGAGGGACAGAATTGTTTGTGCTGGGTATTGGAGCTCTCAGTGGGGAGCACATGG
GTTATAATGAGAACTGAACTGTAAGTGTGCTGCTTCTCTTCTAGGTGGCTGCTTTGCAGGG
CTTTGGCTGTTACCTTTCCCTGCTGAGGGGCTCAGGGAAAAGGGTCGGGGATTCTCAGTCGAGTTTCCA
GAGCAGGAGGCCCTACAGACATTTGGCCCCAAATCCCTGACTCAATAAAGTAAGCGTGTACCTAGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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.


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RefSeq: NM\_020402.4

**Summary:** Ionotropic receptor with a probable role in the modulation of auditory stimuli. Agonist binding may induce an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is permeable to a range of divalent cations including calcium, the influx of which may activate a potassium current which hyperpolarizes the cell membrane. In the ear, this may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. This may protect against acoustic trauma.  
[UniProtKB/Swiss-Prot Function]

Locus ID: 57053

MW: 20