

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
Vector: pMirTarget (PS100062)
Symbol: CHRNA10
ACCN: NM_020402
Insert Size: 550 bp
Insert Sequence: >SC207197 3'UTR clone of NM_020402

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.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
AGCCTCCTGGTGTGGTGCAGGCCCTGTGAGGGCTGGGACTAAGTCACAGGGATCTGCTGCAGCCACAG  
CTCCTCCAGAAAGGGACAGCCACGGCCAAGTGGTTGCTGGTCTTTGGCCAGCCAGTCTCTCCCCACTG  
CTCCTAAGATCCTGAGACACTTGACTTCACAATCCACAAGGGAGCACTATTGTCTACACACCCTAACT  
AAAGGAAGTCCAGAGCCTGCCACTCCCCTAATTCCAAAAAAGAGGAACTCTACAAAGGCCAAGATCA  
CAGAGTACAGTCTTGAGGGACAGAATTGTTTGTGCTGGGTATTGGAGCTCTCAGTGGGGAGCACATGG  
GTTATAATGAGAACTGAACTGTACTGTGCATTTCTGTCTTCTTCTAGGTGGCTGCTTTGCAGGG  
CTTTGGCTGTTACCTTTCCCTGCTGAGGGGCTCAGGGAAAAGGGTCGGGGATTCTCAGTCGAGTTTCCA  
GAGCAGGAGGCCCTACAGACATTTGGCCCCAAATCCCTGACTCAATAAAGTAAGCGTGTACCTAGCA  
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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_020402.4](#)



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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