

Product datasheet for **MC201599**

Chrn1 (NM_009601) Mouse Untagged Clone

Product data:

| | |
|---------------------------|----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Chrn1 (NM_009601) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Chrn1 |
| Synonyms: | Achr-2; Acrb |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC023318 sequence for NM_009601
 CGTCACTTCCCCTGGCCTGAGGCCGCTATCCGGACAACTTCACTGAGCGAAAGAGGCAGGGCCATGGCC
 TTAGGGGCGCTGCTTCTGCTTCTAGGGTACTCGGGACGCCCTCGCCCCAGGCGCCCGGGTCCGGAAG
 CCGAAGGCCAACTGATTAAGAACTTTTCTCCAATATGATAGCTCGGTGAGGCCGGCGGGGAGGTGGG
 AGACCCGTCGGGGTCAAGCATCGGCCTCACCTGGCGCAACTCATCAGCCTGAACGAGAAGGATGAAGAA
 ATGAGCACAAAGGTGACTTAGACCTGGAGTGGACCGACTACAGGTTAAGCTGGGACCCCGCAGAACATG
 ATGGCATCGATTCTCCGCATCACTGCTGAATCCGTTTGGCTCCCTGATGTGGTCTGCTGAACAACAA
 TGACGGAAATTTGACGTTGCCCTGGACATCAATGTCGTGGTATCTTTGAGGGCTCTGTGCGCTGGCAA
 CCCCTGGCCTGTACCGCAGCAGCTGCAGCATCCAGGTCACCTACTTCCCCTTTGACTGGCAGAACTGCA
 CCATGGTGTTTAGTTCCTACAGCTATGACAGCTCTGAGGTGAGCCTGAAGACGGGCTGGATCCTGAAGG
 AGAGGAGAGGCAGGAAGTCTACATTCATGAAGGGACCTTATTGAGAATGGCCAATGGGAGATTATCCAC
 AAACCTTCTAGGTTAATCCAATCCAGGGGATCAGAGAGGTGGGAAGGAAGGGCATCATGAGGAAGTTA
 TCTTCTATCTCATTATTCGGCGGAAGCCTCTTCTACCTGGTCAACGTCATTGCCCATGCATCCTCAT
 CACGCTCCTGGCCATCTTTGCTTCTACCTCCCACCAGATGCAGGAGAGAAGATGGGGCTCTCCATCTTT
 GCCCTGCTGACGCTCACTGTGTTCTTGGTCTGTTGGCCGACAAAGTGCCTGAGACCTCCCTGGCGGTGC
 CCATCATTATCAAGTACCTCATGTTACCATGGTCCTTGTACCTTCTCGTTATCCTTAGTGTGTGGT
 CCTCAACCTGCATCATCGCTCACCCACACCCACCAAATGCCCTTTTGGGTCCGCGAGATCTTCATTAC
 AAGTCCCTCCATACCTGGGTCTGAAGAGGCCAAACCCGAGAGAGACCAACTCCCTGAACCACATCACT
 CTCTTTCTCCAAGTAGTGGCTGGGGCAGAGGAAGTGAATATTTATCCGGAAGCCTCCAAGTGATTT
 TCTTTTCCCTAAACTTAACAGGTTTCAGCCTGAATCATCTGCCCGGACCTGCGACGATTTATCGATGGT
 CCAACCCGGGCTGAGGTCTGCCTCAGGAGCTACGAGAGGTCAATTCCTCAATCAGCTACATGGCCCGAC
 AGCTTCAGGAACAGGAGGACCACGACGCACTGAAGGAGGACTGGCAGTTTGTGGCCATGGTTGTGGACCG
 TCTTTTCTGTGGACATTCATCGTTTTTCAAGCGTCCGGACCTAGTCATTTTCTAGATGCCACGTAC
 CATTTGCCCTCCTGAACCTTTCCCTTGAGGACCTCCGGTCATTTTTGCCAAATGCTGCAGTACTCT
 CAAGCTCAATAGCGCTTGGCGCTTGAAGAATCTTGTCTGGGAAGACGTTCAAGTGAAGTGGAGGC
 TGAGCATGGTGCCTTGGACCCACCCGAAATGTCCTTCTACTTATTATTTAGAGTTTTGTTCTTCTGCGGT
 TTTGTTTTTGTGTTTTTGGACAGAGTCTCACTCTGTGGCCAGGCTAGCCTGGAAGTGTGGCGTCCAG
 GCTGGTCTCAAATCCCAACAATGTTACTTCTTACCTAGCAATTGTTGGAATCACAGACCTGGTAAAC
 CAGCACACTTGGAGTTTGTCTTGAAGTACATAGAATGTCACAGCTTAGATCTCTAGTGAATAGAAT
 TATAACCAAGTAGTAGACTGTAAGCCTTTTGGAGCAGGAGATCTGTTGGCTACTGAATTATCCCCAGCA
 ATGTGTACAGGCTTAGCCATAAAGTGTAAACATTTGTTGAAGAGAGGAAAATAAATCTGGAAGGAAA
 TATAAATATCGCCTACAATTGCATGTATTAATAAATAAATGTAGAAAATGATTAATAAAAAAAAAAAAAA AAAAAAAAAAAAAAAG

Restriction Sites: RsrII-NotI

ACCN: NM_009601

Insert Size: 1506 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC023318](#), [AAH23318](#)

RefSeq Size: 2186 bp

RefSeq ORF: 1506 bp

Locus ID: 11443

UniProt ID: [P09690](#)

Cytogenetics: 11 42.87 cM

Gene Summary: After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.[UniProtKB/Swiss-Prot Function]