

Product datasheet for **MC217409**

Chrnd (NM_021600) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrnd (NM_021600) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chrnd
Synonyms:	Ac; Achr; Achr-4; Acrd; L10076
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217409 representing NM_021600
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGGCCTGTGCTCACACTGGGGCTGCTGGCTGCCCTTGTGTGTGTGCCCTCCAGGCAGTTGGG
 GCCTGAATGAGGAACAAAGGCTGATCCAGCACCTATCAATGAGAAGGGCTACGACAAAGACCTGCGGCC
 GGTGGCTCGAAAGGAGGACAAAGTGGATGTCGCCCTAAGTCTCACCTCTCCAACCTCATCTCCCTGAAA
 GAAGTGGAGGAGACCCTACCACCAACGTGTGGATAGATCATGCCTGGTAGACAGCCGTCTACAGTGGG
 ATGCCAACGACTTCGGGAACATCACTGCTCCTGCGCCTGCCCTGACATGGTGTGGCTACCAGAGATTGT
 ACTGGAGAACAACATGATGGCTCGTTCAGATTTCTTATGCCTGCAATGTGCTTGTCTATGACTCGGGC
 TATGTGACCTGGTGGCCGCCATCTCCGCTCCTCCTGCCCATCTCAGTCACCTACTTCCCTTTTCG
 ACTGGCAGAACTGCTCCCTCAAATTCAGTTCACCAAGTATACAGCCAAGGAGATCACACTTAGCCTGAA
 GCAGGAGGAGAAAACAACCGCTTACCCCATCGAGTGGATCATCATTGACCCTGAAGGTTTCACAGAG
 AACGGTGAGTGGGAGATAGTGCATCGGGCAGCCAAGCTCAATGTGGACCCAGTGTCCCGATGGACAGCA
 CCAACCACCAAGATGTCACCTTCTACCTTATCATCCGCCCAAGCCCCTTCTACATCATCAACATTCT
 GGTACCCTGCGTGCTCATCTCCTTCATGATCAACCTAGTCTTCTACCTGCCAGGGCAGTGTGGAGAGAAG
 ACCTCCGTGGCCATCTCAGTGCTCCTGGCCAACTGTGCTTCTGCTGCTTATCTCCAAGAGGCTGCCGG
 CCACTTCCATGGCCATCCCCTTGGTAGGCAAGTTCCTGCTTTTCGGCATGGTGTGGTACCATGGTGGT
 GGTGATCTGTGTCATCGTACTGAACATCCACTCCGGACGCCAGCACCATGTGCTGTCTGAGGGAGTC
 AAGAAGTCTTCTGGAGACCCTGCCAAAGCTCCTGCACATGTCCCGCCAGCAGAGGAAGACCCAGGCC
 CCAGGGCTCTCATCCGGAGAAGCAGCTCTCTGGGATACATCTGCAAAGCAGAGGAGTATTCTCACTTAA
 GTCCCGCAGTGACCTCATGTTTGAGAAGCAATCAGAGCGGCATGGGCTGGCCCGGCCCTACCACAGCC
 CGCAGGCCTCCAGCAAGCTCTGAGCAGGTCCAACAGGAGCTTCAATGAGATGAAGCCAGCTGTGGATG
 GGGCAAATTCATCGTCAACCATATGAGAGACAAAACAGTTACAATGAGGAGAAGGACAACCTGGAACCA
 GGTGGCCCGCACAGTGGACCGTCTCTGCCTGTTTGTGGTACACCCGTCATGGTGGTGGGCACAGCCTGG
 ATCTTCTGCAGGGTGTCTACAACCAGCCCCACTCCAGCCTTCCCTGGGGACCCCTTCTCCTATAGCG
 AACAGGACAAGCGCTTCAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_021600

Insert Size: 1563 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: [NM_021600.3](#), [NP_067611.2](#)

RefSeq Size: 3003 bp

RefSeq ORF: 1563 bp

Locus ID: 11447

UniProt ID: [P02716](#)

Cytogenetics: 1 44.07 cM

Gene Summary: This gene encodes the delta subunit of the muscle-derived nicotinic acetylcholine receptor, a pentameric neurotransmitter receptor and member of the ligand-gated ion channel superfamily. The delta subunit together with the alpha subunit forms the ligand-binding site. [provided by RefSeq, Nov 2012]