

Product datasheet for **RN212794**

Chrnd (NM_019298) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrnd (NM_019298) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrnd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212794 representing NM_019298
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGGGCCTGTGCCACACTGGGGCTGCTGGCTGCCCTTGTGTGTGTGGCAGCTGGGGCCTGAATG
 AGGAACAAAGGCTGATCCAGCACCTGTTTGAGGAAAAAGGCTACAACAAAGAAGCTTCGGCCGGTGGCTCG
 AAAGGAGGACATAGTGGATGTCGCCTTAAGTCTGACCCTCTCAACCTCATCTCCCTGAAAAGAGTGGAG
 GAGACCCTCACCACCAATGTGTGGATAGATCATGCATGGATAGACAGCCGGCTACAATGGAATGCCAACG
 AGTTTGGGAACATCACCGTCTGCGCCTGCCCTGACATGGTGTGGCTACCAGAAATTGTACTGGAGAA
 CAACAATGACGGCTATTCCAGATTTCTACGCTGCAATGTGCTTGTCTGACTCGGGCCATGTGACC
 TGGCTGCCACCCGCCATCTCCGCTCCTCTGCCCATCTCGGTACCTACTTCCCTTTCGATTGGCAGA
 ACTGCTCCCTCAAATTCAGTTCCTCAAGTATACCGCCAAGGAGATCAGACTTAGCTGAAGCAGGAGGA
 GGAAGACAACCGCAGTTACCCCATTTGAGTGGATCATCATTGACCCTGAGGGTTTACAGAGAACGGTGAG
 TGGGAAATAGTTACCGGGCAGCCAAGGTCAACGTGGACCCAGTGTCCAATGGACAGCACCAACCACC
 AAGACGTACCTTCTACCTCATCATCCGCCGAAGCCGCTCTTCTACATCATCAACATCCTGGTACCCTG
 TGTGCTCATCTCCTTCATGATCAACCTGGTCTTCTACCTGCCAGGCGACTGTGGAGAGAAGACCTCGGTG
 GCCATCTCAGTGTCTCGCCCAATCTGTCTTCTGTTGCTTATCTCCAAGAGGCTGCCGGCCACATCCA
 TGGCCATTCCTTTGGTAGGCAAGTTCCTGCTTTTTGGCATGGTGTGCTGGTACCATGGTTGTGGTATCTG
 CGTCATCGTGCTAACATCCACTCCGAACACCCAGCAGCATGTTCTGTCTGAGGGAGTCAAGAAGTTC
 TTCTGGAGACCTGCCCAAACCTCTGCATGTCCCGCCAGAAGAGGAAGACCCGGGCCACAGGGCTC
 TCATCCGGAGGACCAGCTCTCTGGGATACATCTCAAGGCAGAGGAGTACTTCTACTTAAGTCCCGCAG
 TGACCTCATGTTTGAGAAGCAATCAGAGCGCATGGGCTGGCCCGCGCCTCACCACAGCCCGCAAGCCA
 CCAGCAAGCTCTGAGCAGGTCCAACAGGAGCTTTTCAATGAGATGAAGCCAGCCGTGGATGGGGCGAACT
 TCATCGTCAACCACATGAGGGACCAGAACAGTTACAATGAGGAGAAGGACAACCTGGAACAGGTGGCCCG
 CACAGTGGACCGTCTCTGCTTGTGTGGTACGCCCCTCATGGTGGTGGGCACAGCCTGGATCTTCTCTG
 CAGGGTGTCTACAACCAGCCCCACCCAGCCTTCCCTGGGGACCCCTTCTCTATGATGAACAGGACA
 GCGCTTCATT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019298

Insert Size: 1554 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_019298.1](#), [NP_062171.1](#)

RefSeq Size: 1696 bp

RefSeq ORF: 1554 bp

Locus ID: 54240

UniProt ID: [P25110](#)

Cytogenetics: 9q35

Gene Summary: delta subunit of the nicotinic acetylcholine receptor; can assemble into functionally different acetylcholine receptor channel subtypes [RGD, Feb 2006]