

Product datasheet for **RN207581**

Chrn3 (NM_133597) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrn3 (NM_133597) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrn3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry2 (PS100063)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207581 representing NM_133597
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGGCTTCCTAAGGGTCTTCTTGGTTCTCAGTGCCACTCTCTCAGTTCTCGGGTACTCTTACGG
 CCACTGCAGGACTCAGCTCAGTGGCTGAACACGAAGACGCACTCCTCAGACATTTGTTCCAAGTTACCA
 GAAATGGGTCCGCCCTGTGTTGAATTCAGTGACATCATAAAAAGTGATTTTGGATTAATAATATCCAG
 CTTGTGGATGTGGATGAAAAGAATCAGCTGATGACGACAAATGTGTGGCTGAAGCAGGAATGGACAGACC
 AAAAATACGCTGGAATCCGGAAGAATATGGTGAATTAATTCGATAAAGTTCCATCAGAATCGCTCTG
 GCTGCCGGACATAGTTCTCTTTGAAAATGCTGACGGACGTTTTGAGGGCTCCCTCATGACCAAGGCCATT
 GTGAAGTCCAGTGAACCGTCACTGGACTCCTCCGCCAGCTACAAGAGTTCCTGCACCATGGATGTCA
 CATTTTTCCCGTTCGACAGGCAGAACTGCTCGATGAAGTTGGATCCTGGACTTACGACGGTACCATGGT
 TGACCTCATTCTAATCAATGAAAACGTTGACCGGAAAGACTTTTTGATAACGGAGAGTGGGAGATACTC
 AACGCAAAGGGGATGAAGGGCAACAGAAGAGAAGGCTTTTACTCCTATCCGTTTGTACCTACTCTTTTG
 TCTGAGACGCCTGCCCTGTTTTACACGCTCTTTTTGATAATCCCTGCCTGGGGTTGTCTTTTCTCAC
 GGTCTGGTGTCTACCTACCCTCGGACGAAGGGGAAAACTCTCATTATCCACCTCCGTTTGGTCTCT
 TTGACGGTGTCTTTTAGTGATTGAAGAAATAATCCCGTCTCTTGAAGGTACCCCCCTATTGGCG
 AGTACCTCCTCTCATTATGATTTTTGTACGCTGTCTATTATCGTCACGGTTTTTGAATTAATGTCCA
 CCACAGATCTTCTCAACGTACCATCCCATGGCCCCCTGGGTGAAGAGGCTGTTTCTACAAAGACTCCCG
 AGATGGCTTTGCATGAAGGACCCCATGGACCGTCTCTTTCCCGGATGGAAAGGAGAGTGATACAGCCG
 TGAGGGGAAAAGTCTCAGGCAAAAGGAAACAGACTCCCGCCAGCGATGGAGAAAGAGTTCTGGTCTGCTT
 CCTCGAGAAGGCCTCCGAGTCCATCAGATACATTTTCGAGGCATGTGAAAAGGAACACTTCATCAGCCAG
 GTAGTGAAGACTGAAAATTTGTGGCTCAAGTTCTGGACCGCATCTTCTGTGGCTCTTTCTGATAGCTT
 CTGTGTTGGGTTCCATTCTGATTTTTATTCCAGCCTTGAAGATGTGGATACATCGTTTCCACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/jc1355_a02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_133597

Insert Size: 1395 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_133597.1](#), [NP_598281.1](#)
RefSeq Size: 2644 bp
RefSeq ORF: 1395 bp
Locus ID: 171131
UniProt ID: [P12391](#)
Cytogenetics: 16q12.3
Gene Summary: nicotinic acetylcholine receptor subunit beta 3 [RGD, Feb 2006]