

Product datasheet for **RN214783**

Chrn4 (NM_052806) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrn4 (NM_052806) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrn4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214783 representing NM_052806
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGGGTACGCCCTGCTCCTCGTCTCTGTCTCTGCTTCAGGACGGGGACTGCCGCTGGCCA
 ACGCAGAGGAGAAGCTGATGGATGACCTCCTGAACAAAACCCGGTACAACAACCTGATCCGCCAGCCAC
 CAGCTCCTCTCAGCTCATCTCCATCCGCCTGGAGCTACTGTCCCAGCTCATCAGTGTGAATGAGCGA
 GAACAGATCATGACCACCAGCATCTGGCTGAAACAGGAATGGACTGACTACCGCCTGGCCTGGAACAGCT
 CCTGCTATGAAGGGGTGAACATTCTGAGGATCCCCGAAAGCGTGTCTGGTTGCCTGACATCGTGTGTA
 CAACAATGCCGATGGCACCTATGAGGTGTCTGTCTACACCAACGTGATTGTGCGTTCCAATGGCAGCATC
 CAGTGGCTGCCCCCTGCTATCTACAAGAGTGCCTGCAAGATTGAGGTGAAGCACTTCCCTTCGACCAGC
 AGAACTGCACCCTCAAATCCGCTCCTGGACCTATGACCACACGGAGATTGACATGGTTCTTAAGTCGCC
 CACGGCCATCATGGATGACTTACCCCCAGTGGTGAATGGGACATTGTGGCCCTCCAGGACGGAGGACG
 GTGAACCTCAGGACCCAGCTACGTGGACGTGACCTATGACTTCATCATCAAGCGCAAGCCGCTCTTCT
 ACACCATCAATCTTATCATTCCCTTGTGTGCTCATCACCTCGTGGCTATCCTGGTCTTCTACCTGCCCTC
 CGACTGTGGGGAGAAGATGACGCTCTGCATCTCTGTGCTGCTGGCACTCACGTTCTTCTGCTGCTCATC
 TCCAAGATCGTGCCTCCCACCTCCCTTGACATACCGCTCATTGGCAAGTACCTCTTGTTCACCATGGTGC
 TGGTCACCTTTTCCATCGTCACCACTGTGTGTCTCAATGTGCACCACCGCTCACCCAGCACTCACAC
 CATGGCATCCTGGGTCAAGGAGTGTCTCCTGCACAAATGCCACCTTCTTTCATGAAGCGTCCCGGT
 CTTGAAGTCAGCCTGGTCAGGGTCCCTCATCCCAGCCAGCTGCACTTGGCCACAGCTGACTGCAGCCA
 CCTCTGCCTTAGGCCCCACCAGCCATCCAACCTCTATGGGAGTCCATGTACTTTGTGAACCCTGTCCC
 TGCCGCTCCTAAGTCTGCAGTCAGCTCCCACACAGCAGGCCTCCCAGGGATGCCCGTCTGAGGTCTCC
 GGGAGGTTCCGGGAAGATCTACAGGAAGCATTAGAGGGTGTGAGTTCATCGCCAGCATCTGGAGAGCG
 ATGACCGAGATCAAAGTGTATCGAGGACTGGAAGTTCGTGCGGATGGTGTGACCGCCTGTTCTGTG
 GGTGTTCTGTGTTGTGTTATTCTGGGCACCATGGGGCTTCTCTGCCACCCCTTTCCAGATCCACGCA
 CCCTCCAAGGACTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_052806
- Insert Size:** 1488 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_052806.2](#), [NP_434693.1](#)

RefSeq Size: 1488 bp

RefSeq ORF: 1488 bp

Locus ID: 25103

UniProt ID: [P12392](#)

Cytogenetics: 8q24

Gene Summary: may act as a subunit of a neuronal nicotinic acetylcholine receptor [RGD, Feb 2006]