

Product datasheet for **RN208984**

Chrna6 (NM_057184) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrna6 (NM_057184) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrna6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry2 (PS100063)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NM_057184.1
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAACGGCTGGGGTCGGGGAGACCTTCGCTCCGGTTTGTGTCTGTGGATATGTGGATTCTTGGCTT
 TCTTTAAAGGCAGTAGAGGCTGTGTGTCTGAAGAACAGCTCTTCCACACGCTCTTCGCCACTACAACCG
 CTTTCATCCGGCCAGTGGAAAACGTTTCTGATCCCGTCACGGTGCACCTTTGAGTTGGCCATCACGCAGCTG
 GCCAATGTGGATGAAGTCAACCAGATTATGGAGACCAATCTGTGGCTGCGTCACGTCTGGAAGGACTACA
 GATTGTGTTGGGATCCAACGGAGTACGATGGCATCGAGACGCTTCGTGTTCCAGCAGATAACATCTGGAA
 GCCTGACATCGTTCTGTATAATAATGCCGTCGGTACTCCAGGTCGAAGGCAAGACCAAAGCTCTTCTT
 AAGTACGATGGGGTATAACCTGGACCCCGCCAGCCATCTTTAAGAGTTCCTGTCCAATGGACATCACCT
 TCTTCCCATTTGATCATCAAACTGCTCCCTGAAATTTGGGTCTGGACTTACGACAAGGCTGAAATCGA
 CCTTCTCATCATTGGCTCTAAAGTGGACATGAACGACTTTTGGGAAAACAGTGAGTGGGAAATTGTCGAT
 GCCTCTGGCTACAAGCATGACATCAAGTACAACCTGCTGTGAAGAGATTTACACAGATATCACCTACTCCT
 TCTACATCAGGAGGCTGCCCATGTTTTATACCATCAATCTCATCATCCCCTGCCTCTTCATTTCTTTCT
 CACCGTGTAGTCTTTTACCTTCCTTCTGACTGTGGCGAGAAAGTGACTCTTTCATCTCGGTTCTGCTT
 TCTCTGACTGTCTTTTGTGTTGATTACAGAGACCATCCCATCCACATCTCTCGTGATCCCACTAGTGG
 GTGAGTATCTACTGTTCCACCATGATCTTTGTGACGCTGTCCATTGTGGTGACCGTGTGTTGTGTTGAACAT
 ACACTACAGGACCCAGCAACGCATACCATGCCAAGTGGGTGAAGACCATGTTTCCTTCAGGTCTTCCCA
 TCGATTCTGATGATGAGGAGACCTCTGGACAAGACAAGGAAATGGATGGTGTAAAGGACCCAAAACCC
 ACACCAAGAGGCCGCGCCAAAGTCAAGTTTACTCATCGAAAAGAACCCTTCTAAAGGAATGCCGCA
 CTGCCATAAGTCAAGTGAGATAGCACCTGGCAAGAGTTAAGCCAGCAGCCTGCACAGTGGGTAACAGAG
 AATTCAGAGCACCCACCTGATGTTGAAGACGTGATCGATAGTGTCAATTCATAGCAGAAAAACATGAAAA
 GCCACAATGAAACAAAGGAGGTAGAAGATGACTGGAAATACATGGCCATGGTGGTGGACAGAGTCTTCT
 CTGGGTGTTTATAATCGTCTGTGTGTTTGAAGTGTGGGGCTCTTCTACAGCCACTGCTTGGGAACACA
 GGAGCATCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/jc1355_a01.zip

Restriction Sites: SgfI-MluI

ACCN: NM_057184

Insert Size: 1482 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_057184.1](#), [NP_476532.1](#)

RefSeq Size: 1760 bp

RefSeq ORF: 1482 bp

Locus ID: 81721

UniProt ID: [P43143](#)

Cytogenetics: 16q12.3

Gene Summary: may form a nicotinic acetylcholine receptor; may play a role in fast synaptic transmission [RGD, Feb 2006]