

Product datasheet for **RN210754**

Chrna5 (NM_017078) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrna5 (NM_017078) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrna5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210754 representing NM_017078
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGTGCGGGGTCGCGGCGCGCGCTGCGCCTGCTCTTGATGGTGCAGCTGCTGGCAGGGCGCT
 GGCGGCCGACCGGGCGCGCGGGCACGCGGGAGGGTTGCCTGAACTATCCTCTGCTGCCAAACATGA
 AGACAGCTTGTTAGGGATTTATTTGAAGACTACGAAAGGTGGGTTGCGCCTGTGGAACACCTGAGCGAC
 AAGATAAAAAATCAAGTTTGGCCTTGCATATCTCAGTTAGTGGACGTGGATGAGAAAAACAGCTGATGA
 CGACGAACGTCTGGTTGAAGCAGGAATGGATAGATGTGAAATTGAGATGGAATCTGACGATTATGGTGG
 GATAAAGATTATACGTGTTCTTCGACTCCCTGTGGATCCAGACATCGTTTTGTTGCGATAATGCAGAT
 GGACGTTTTGAAGGGGCCAGCACGAAAACAGTTGTCAGGTACAACGGCACTGTCAGTGGACGCAACCG
 CAAACTACAAAAGTTCTGCACCATCGACGTTACCTTTTTCCCGTTTGATCTCCAAAATTGTTCCATGAA
 ATTCGGCTCGTGGACATACGATGGATCCAGGTTGATATAATCCTAGAGGACCAAGATGTCGACAGAACA
 GACTTTTTCGACAATGGAGAGTGGGAAATCATGAGCGCGATGGGAGCAAGGGGAACCGGACGGACAGCT
 GCTGCTGGTACCCTACATCACGTACTCCTTTGTGATTAAGCGGCTGCCTCTCTTCTATACCTTGTCTT
 TATTATCCCTGCATTGGGCTCTCATTTCTGACTGTGGTTGTCTTCTATCTCCCTCAAACGAGGGTGAA
 AAGATTAGCCTCTGCACCTCAGTCTGCTCTCTGACTGTCTTCTTTGGTAATCGAAGAGATCATAC
 CGTCATCTTCAAAGTCATACCCTGATTGGGGAGTACTTGGTGTTCACCATGATTTTCGTGACCCTATC
 CATTATGGTGACTGTCTTTGCCATCAACATCCACCACCGCTCTTCTCCACACAACGCATGGCGCCC
 TGGGTTTCGTAAGATATTTCTCCACAAGCTTCCCAAGCTGCTGTCATGAGAAGTCATGCGGATAGGTACT
 TCACTCAGAGAGAAGAAGCCGAGAGTGGGCTGGACCTAAATCTCGGAACACTTTGGAAGCCGCACTCGA
 TTGCATTCGCTACATCACGAGGCACGTCTGTGAAAAGAGAACGACGTCCGCGAGGTTGTTGAAGATTGGAAA
 TTCATAGCCCAAGTCCTTGATCGGATGTTTTGTGGACGTTTCTTCTGGTGTCAATCATTGGGACTTTAG
 GGCTTTTTGTTCTGTTATTTATAAATGGGCCAATATAATAGTCCAGTTCACATTGAAAACACAATTAA
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_017078
- Insert Size:** 1404 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_017078.2](#), [NP_058774.2](#)
RefSeq Size: 3007 bp
RefSeq ORF: 1404 bp
Locus ID: 25102
Cytogenetics: 8q24
Gene Summary: neuronal receptor and ion channel activated by acetylcholine; mediates release of catecholamines into bloodstream [RGD, Feb 2006]