

## Product datasheet for **RN210172**

### Chrne (NM\_017194) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chrne (NM_017194) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrne
Synonyms:	nAChR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210172 representing NM\_017194  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACAATGGCTCTGCTTGGGACCTGCTTCTCCTGGCACTCTTTGGCAGAAGCCAAGGCAAGAATGAAG  
 AGCTGAGCCTGTATCACCATCTCTTCGACAATTATGACCCAGAATGCCGGCCAGTTAGGAGACCTGAGGA  
 CACTGTACCATCACCTCAAGGTCACCCTAACCAACCTCATCTCACTGAATGAGAAAGAAGAGACTCTG  
 ACCACCAGTGTCTGGATTGGAATTGAATGGCAAGACTATCGGCTCAACTTCAGCAAGGACGATTTTGACG  
 GCGTAGAAATCCTGCGGGTCCCTCCGAACATGTATGGCTGCCAGAGATTGTTCTGGAAAACAATATTGA  
 TGGGCAGTTTGGAGTGGCTACGACTGCAATGTTCTGGTCTATGAGGGAGGCTCTGTGAGCTGGCTGCC  
 CCAGCTATCTACCGCAGCAGTGCAGTGGAGGTCACCTATTTCCCTTTGACTGGCAGAAGTCTCTC  
 TCATTTTTCGTTCCAGACCTACAATGCTGAAGAGGTGGAGTTAATCTTTGCAGTGGATGACGATGGCAA  
 TGCCATCAACAAAATTGACATCGACACCGCAGCTTTTACCGAGAATGGAGAATGGGCCATTGACTACTGC  
 CCAGGCATGATTGCGCATTATGAGGGAGGCTCCACAGAAGACCCTGGAGAACTGACGTCATCTACACGC  
 TCATCATCCGTCGAAAGCCGCTTTTTTACGTCAATTAACATCATTGTGCCTTGTGTGCTCATTCTGGCTT  
 GGTGCTACTCGCTTACTTCTACCTGCGCAGGCTGGTGGCCAGAAATGCACGGTCTCTATCAACGTCCTG  
 CTAGCCCAGACTGTCTTCTTGTTCCTAATTGCCAGAAAATCCAGAGACTTCTCTGAGCGTGCCGCTGC  
 TGGGCAGGTATCTATTTTTGTTCATGGTGGTGGCCAGCTCATTGTATGAATTGCGTCATCGTGTCTCAA  
 CGTATCTTTGCGAACCCAACGACTCACGCCACATCCCCTCGGCTGCGCCAGATTTTATTAGAGCTACTG  
 CCGCGCCTCCTCGGCTTGAGCCACCCAGAGGATCCCGGAGCTGCCTACCAGCGAGGCGTGCCTCAT  
 CTGTGGCATTCTGCTTAGAGCGGAGGAGCTCATCTTGA AAAAGCCGCGGAGCGAAGTCTGTTTGGAGGG  
 ACAGAGGCATCGCATGGAACCTGGACCGCAGCCGCTCTGCCAGAACCTGGGTGCTGCAGCCCTGAA  
 GTCGCTGCTGTGGATGCTGTGAACCTTGTGGCTGAGAGCACAGGGACCAGGAAGCCACTGGAGAGG  
 AACTGTCTGACTGGTGCATGGGGAAGGCCCTCGACAATGTCTGTTTTTGGCAGCGTTGGTGTCTT  
 CAGCGTCGGTTCTACGCTCATCTTCTTGGAGGTTACTTCAACCAAGTCTCTGATCTCCCTACCCACCG  
 TGCATCCAACCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_017194

**Insert Size:** 1485 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\\_017194.1](#), [NP\\_058890.1](#)

**RefSeq Size:** 1624 bp

**RefSeq ORF:** 1485 bp

**Locus ID:** 29422

**UniProt ID:** [P09660](#)

**Cytogenetics:** 10q24

**Gene Summary:** subunit of the acetylcholine receptor AChR epsilon; may act at the muscle endplate [RGD, Feb 2006]