

Product datasheet for **RN210427**

Chrng (NM_019145) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrng (NM_019145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrng
Synonyms:	ACHRG
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210427 representing NM_019145
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCACGGGGCCAGGGACCTCAGCTCCTCTTGCTGCTGCTGGCTACCTGCCTGGGGGCCAGAGCCGCA
 ACCAAGAGGAGCGGCTGCTTGGCGACCTGATGCGCAACTACGACCCCATCTGCGCCGGCTGAGGGTGA
 CTCAGATGTGGTTAATGTGAGCCTGAAGCTTACCTTAACCAACCTCATCTCCCTAATGAGCGAGAGGAG
 GCCCTCACGACTAATGTCTGGATAGAAATGCAATGGTGGGACTATCGCTACGCTGGGACCCGAAAGACT
 ACGAAGGCTGTGGATATTGAGGGTGCCATCTACCATGGTCTGGCAGCCGATATCGTGTGGGAAACAA
 TGTGGACGGTGTCTCGAGGTGGCGCTCTACTGCAATGTCTCGTGTCCCTGATGGTTGTATCTACTGG
 CTGCCGCTGCCATCTCCGCTCCTCTGCTCCATCTGTGCACCTACTCCCTTCGATTGGCAGAACT
 GCTCCCTCGTCTCCAGTCCAGACTTACAGCACCAGCGAGATCAACTTGCAGCTGAGCCAGGAGGATGG
 GCAAGCCATTGAGTGGATCTTCATTGACCCCGAGGCTTTCACAGAGAATGGGGAATGGGCCATCCGGCAT
 CGACCAGCCAAAATGCTACTGGATCCTGTGACTCCAGCAGAGGAGGCAGGCCACCAGAAGGTGGTGTCT
 ACCTGCTCATCCAACGCAAGCCCCTCTTCTATGTCATCAACATCATCGTCCCCTGTGTGCTCATCTCCTC
 AGTTGCGATCCTCATCTACTTCTTCTGCCAAGGCGGGCGCCAGAAGTGCACAGTGGCCACCAACGTG
 CTCCTGGCCAGACCGTCTTCTTTCTCGTGGCTAAGAAGGTGCCTGAGACCTCCAGGCAGTGGCCG
 TCATCAGCAAGTACCTGACCTTCTCATGGTGGTGACCATCCTCATCGTTGTGAACCTCTGTGGTCTGTGCT
 CAATGTGTCTTGAGGTCCCCACACACACTCCATGGCCGGGGGTCCGCAAGGTGTTTTGAGGCTC
 CTGCCCCAGCTGTACGGATGCATGTGCATCCTCGGGCTCCTGCTGTCCAGGATGCCCGCTGCGAC
 TCCAGAAATGGCTCTTCTCAGGGTGGCCCATCATGACTCGAGAGGAAGGGGACCTCTGTTGCTCGAAG
 CGAACTCCTCTTTAGGCAAAGGCAGCGCAATGGATTGGTGCAGGCAGTACTGGAGAAGTTAGAGAATGGT
 CCAGAAATGAGGCAGAGCCAGGATTTCTGTGGCAGCCTGAAGCAAGCCTCCCGGCCATCCAGGCCTGTG
 TGGATGCCTGTAACCTCATGGCGCTGCCGACACCAGCAAAGTCACTTTGACAGTGGGAATGAGGAGTG
 GTTGCTGGTGGCCGAGTGTGGACCGAGTCTGTTTCTAGCCATGCTCTCCCTTTCATCTGCGGCACT
 GCTGGCATCTTCTCATGGCCACTACAACCAGGTGCCTGACCTGCCATTCCTGGAGACCCCGCCCT
 ACTTGCCTTTGCCAGAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_019145

Insert Size: 1560 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_019145.1](#), [NP_062018.1](#)

RefSeq Size: 1832 bp

RefSeq ORF: 1560 bp

Locus ID: 25753

UniProt ID: [P18916](#)

Cytogenetics: 9q35

Gene Summary: gamma subunit of a functional nicotinic acetylcholine receptor [RGD, Feb 2006]