

## Product datasheet for **MC217273**

### Chrng (NM\_009604) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chrng (NM_009604) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chrng
Synonyms:	Achr-3; Acrg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217273 representing NM\_009604  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAAGGGGGCCAGAGACCTCAGCTCCTCTTGCTGCTGTTGGCTGTCTGCCTGGGGGCCAGAGCCGCA  
 ACCAAGAGGAGCGTCTGCTTGGCGACCTGATGCGAAACTACGACCCACCTGCGCCGGCTGAGCGCGA  
 CTCAGATGGTCAATGTCAGCCTGAAGCTTACCTTGACCAACCTCATCTCCCTGAATGAACGAGAGGAG  
 GCCCTCACAATAACGTCTGGATAGAGATGCAATGGTGGGACTATCGCCTGCGCTGGGACCCAAAAGACT  
 ACGAAGGCTGTGGATATTGAGGGTGCCATCTACTATGGTCTGGCGGCCAGATATCGTCTGGAGAACAA  
 TGTGGACGGTGTCTCGAGGTGGCTCTCTACTGCAATGTCCTCGTGTCCCGGACGGTTGTATCTACTGG  
 CTGCCGCTGCCATCTCCGCTCCTCTGCTCCATCTCTGTCACCTACTCCCCTTCGATTGGCAGAACT  
 GTTCCCTCGTCTCCAATCCCAGACTTACAGCACCAGTGAGATCAACTTGCAGCTGAGCCAGGAGGATGG  
 GCAAGCCATTGAGTGGATCTTCATTGACCCGGAGGCTTTCACAGAGAATGGGAGTGGGCCATCCGGCAC  
 CGAACCGCTAAAAATGCTCCTGGACTCCGTGGCTCCTGCAGAGGAGCGGGCCACCAGAAGGTGGTGTCT  
 ACCTGCTTATCCAGCGCAAGCCCCTCTTCTACGTCATCAACATCATCGCCCCCTGTGTGCTCATCTCCTC  
 AGTCGCCATCCTCATCTACTTCTTCTGCTAAGGCGGGCGGCAGAAATGCACAGTGGCCACCAACGTG  
 CTCCTGGCCAGACTGTCTTCTTTCTTGTGGCTAAGAAGGTGCCTGAGACCTCCCAGGCAGTGCCAC  
 TCATCAGCAAGTACCTGACCTTCTCATGGTGGTGACCATCCTCATCGTCGTGAACCTCTGTGGTCTGTGCT  
 CAATGTGCTCTTGGGTCCCCCACACACTCCATGGCCGTGGGGTCCGCAAGGTGTTCTGAGGCTC  
 CTGCCCCAGCTGTTACGGATGCATGTGCGCCACTAGCTCCAGCTGCTTCCAGGATGCCCGTTCCGCA  
 TCCAGAATGGCTCTTCTCAGGGTGGCCATCATGGCTCGAGAGGAAGGGGACCTCTGTCTGCCTCGAAG  
 CGAACTCCTCTTTAGGCAAAGGCAGCGCAATGGATTAGTGCAGGAGTATTGGAGAAGCTAGAGAATGGT  
 CCAGAAGTGAGGCAGAGCCAGGATTTCTGTGGCAGCCTGAAGCAAGCCTCCCAGCCATCCAGGCCTGTG  
 TGGATGCCTGTAACCTCATGGCTCGTGGCCGACGCCAGCAGAGTCACTTTGACAGTGGGAACGAGGAGTG  
 GTTGTGGTGGGCCGAGTGTGGACCGAGTCTGCTTCTAGCCATGCTCTCCCTTTCATCTGTGGCACT  
 GCTGGCATCTTCTCATGGCCACTACAACCAAGTGCCTGACCTGCCGTTCCCGGAGACCCCGCCCT  
 ACCTGCCTTTGCCAGAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_009604

**Insert Size:** 1560 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_009604.3</a></u> , <u><a href="#">NP_033734.3</a></u>
<b>RefSeq Size:</b>	1921 bp
<b>RefSeq ORF:</b>	1560 bp
<b>Locus ID:</b>	11449
<b>Cytogenetics:</b>	1 44.07 cM