

## Product datasheet for **RN203647**

### Colq (NM\_019274) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Colq (NM_019274) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Colq
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203647 representing NM_019274 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTGTCTGAATCCAATGACTTTGGGAATTTATCTCCAACCTTTCTTCTGCTCCATCGTGTGCGCAGC  
CAACTTTTCATCAACAGTGTCTCTCCAATCTCAGCAGCCCTTCTGGCCTGGATCAGAAGAAACGAGGCCAA  
CCACAAAGCATGCTGCCTACTGATGCCCGCCACCCCACTCTCCACCGCCATTCTCAGAGGCAGC  
CGAAGCCCGCTTCTCTCCCAGACATGAAGAATCTTCTGGAACCTGAGGCCTCCCATCACCTGCATGC  
AAGGCTCTTAGGCTCTCTGGCCCCCTGGGCCCCAGGGTCCACCTGGGCTTCTGGCAAGGCAGGACC  
AAAGGGAGAAAAGGGGGATCTTGGCCGCCAGGAAGGAAGGGTAGACCTGGACCCCAAGGTGTTCTGCGC  
GAGCCCGGCCGTTGGCTGGCCAGGCCCTGAAGGACCCAGGGGCGAAAAAGGCGACGTGGGTATGATGG  
GTCTGCCAGGGTCAAGAGGACCGATGGGCTCTAAGGGCTTCCCTGGATCCAGAGGGGAAAAGGGATCCAG  
AGGTGAAAGAGGGGACTTGGGTCCAAAGGAGAAAAGGGTTTCCCTGGATTTCTGGAATGCTGGGGCAG  
AAAGGTGAAATGGGTCCAAGGGGAGAATCTGGGATAGCAGGACATCGGGGCCACAGGAAGACCAGGGA  
AACGAGGCAAGCAGGGTCAAGAGGAGACAGTGAATTATGGGCCACCAGGCAAACCTGGGCTTCTGG  
TCAACCTGGCCGTCAGGTCCTCCCGGGCCCCAGGACCCCATCTGCAGGACAACCTGTAATGGGACTC  
AAAGGGGAAAGAGGATTTCCAGGGCCCCCGGAAGATGCCTTTGCGGACCCCTGCGAATGTGAATAACC  
CCTCCTATGGGGACCCATGTATGGGCGCGGCTCCCTCGAGTTCCTGCGATTTTGTGGTCAACAACCA  
GGAGGAGCTTGAGAAGCTGAACACTCAAATGCCATTGCCTTTGGAAGAGACCAGCGATCTCTGTACTTC  
AAAGATAGCCTTGGTGGCTCCCATCCAGTAACCCCTTTTACCCAGTGGGTTTACACCATAAAGCAG  
CATGGCACCTGTGTGGGATGGGTCCTGCAGCCTGGGGAGGAATGTGACGATGGTAACCCGGATGTGAG  
TGACGGCTGCATTGACTGTCATCGGGCTACTGTGGAGACGGTTATCGGCACCGGGCGTGGAGGACTGT  
GACGGCTGACTTTGGCTACCTGAAGTGCAGACCTATCTCCCTGGATCATACGGAGAACCTCGGTGCA  
CCAGTATTGCTCCATCGACTCCACACCCCTGCCGATACTTCACGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_019274
<b>Insert Size:</b>	1377 bp
<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_019274.2</a> , <a href="#">NP_062147.1</a>
<b>RefSeq Size:</b>	2645 bp
<b>RefSeq ORF:</b>	1377 bp
<b>Locus ID:</b>	29755
<b>UniProt ID:</b>	<a href="#">O35167</a>
<b>Cytogenetics:</b>	16p16
<b>Gene Summary:</b>	binds heparin; links asymmetric acetylcholinesterase to the basal lamina of the neuromuscular junction [RGD, Feb 2006]