

## Product datasheet for **MC214459**

### Ric3 (NM\_001038624) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ric3 (NM\_001038624) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ric3  
**Synonyms:** E130307J04Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC214459 representing NM\_001038624  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGTACTCCACGGTGCAGAGAGTGGCGCTGGCCTCGGGCTCGTCTGGCCGTGTCGCTGCTGCTGC  
CCAAGGCCTTCTGTCTCGCGGGAAGCGACCGGAGCCGCCCGGGCCCGGAAGGAAAATGGACCGATT  
TCCACCTATGATGCATCACCCTCGGCACCCTCAGATGGTCAGACACCAGGGGCTCGTTCCAGAGGTCT  
CACCTTGCAGAGGCCTTTGCAAAGGCCAAGGGAGCAGGTGGAGGTGCTGGAGGAGGGGTAGTGAAGAG  
GACTGATGGGCCAGATCATTCCAATCTATGGCTTTGGGATCTTTTGTACATACTGTACATTTTGTAA  
GCTTTCAAAGGGGAAAAGTGCAGAGGATCGAACTGCTCCACTGCCCCACCTGGAACGCCACAGGAAG  
ATTACCACTTTGAGCTTGTCAACTACAAGAAAAGTAAAAGAGACAGAAGAAGCCATGGAAAAATTA  
TCAACAGAGTTGGACCTAATGGTGAAGCAGAGCACAGGCTGTGACTTCTGACCAAGAGAAACGATTACT  
GCATCAGCTCCGAGAAATCACCAGGGTCATGAAAGAAGGCAAGTTCATCGACACATCTCCAGAGAAGGAA  
GCTGAGGAAGCCCATACATGGAGGACTGGGAAGGTTACCCAGAAGAGACTTATCCAATATATGACCTTT  
CGGATGGTATCAAGCGTAGGCAAGAAACAATCCTGGTGGATTACCCTGACCTAAAAGAGCCCTCTGCTGA  
AGAAATTGCTGAACAAATGGGAGAGATAGAAGAGGAAGGATCAGAGCGTTTGGAGCTGGGATCATTGCCC  
ACTGACCTGGAGCCAGAAAGATAATTCTGTTGCCCGTGTGATCCCAAACCAGAAATCATGCTCTGCT  
GTGTTTCAAGAGGAGGATCCTGCTGTCTTGGCAGAGAATGCTGGTTTTCAGTGCAGATGGCTACAGTGA  
GCAAGAGGAAGCCACCAAGGAAAAGTGGCCAGGACTTTACAAATGAAGGGCTGGGAGTCAAGCACTGAT  
AATGCACACGTGGGTGGTATGTTGAGGAAGCGCAACCCCGAGGTTTTGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001038624



[View online »](#)

<b>Insert Size:</b>	1104 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>	<u><a href="#">NM_001038624.1</a></u> , <u><a href="#">NP_001033713.1</a></u>
<b>RefSeq Size:</b>	5303 bp
<b>RefSeq ORF:</b>	1104 bp
<b>Locus ID:</b>	320360
<b>UniProt ID:</b>	<u><a href="#">Q8BPM6</a></u>
<b>Cytogenetics:</b>	7 E3
<b>Gene Summary:</b>	Promotes functional expression of homomeric alpha-7 and alpha-8 nicotinic acetylcholine receptors at the cell surface. May also promote functional expression of homomeric serotonergic 5-HT3 receptors, and of heteromeric acetylcholine receptors alpha-3/beta-2, alpha-3/beta-4, alpha-4/beta-2 and alpha-4/beta-4.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest protein (isoform a).