

## Product datasheet for MR225825

### Ric3 (NM\_001038624) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ric3 (NM\_001038624) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ric3  
**Synonyms:** E130307J04Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR225825 representing NM\_001038624  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGTACTCCACGGTGCAGAGAGTGGCGCTGGCCTCGGGGCTCGTCTGGCCGTGTCGCTGCTGCTGC  
 CCAAGGCCTTCTGTCTCGCGGGAAGCGACCGGAGCCGCCCGGGCCCGGAAGGAAAATTGGACCGATT  
 TCCACCTATGATGCATCACCCTCGGCACCCTCAGATGGTCAGACACCAGGGGCTCGTTCCAGAGGTCT  
 CACCTTGCAGAGGCCTTTGCAAAGGCCAAGGGAGCAGGTGGAGGTGCTGGAGGAGGGGTAGTGGAAAG  
 GACTGATGGGCCAGATCATTCCAATCTATGGCTTTGGGATCTTTTGTACATACTGTACATTTTGTAA  
 GCTTTCAAAGGGGAAAAGTGCAGAGGATCGGAAGTGTCCACTGCCCCACCTGGAACGCCACAGGAAG  
 ATTACCACTTTGAGCTTGTCAACTACAAGAAAAGTAAAAGAGACAGAAGAAGCCATGGAAAAATTAA  
 TCAACAGAGTTGGACCTAATGGTGAAGCAGAGCAGGCTGTGACTTCTGACCAAGAGAAACGATTACT  
 GCATCAGCTCCGAGAAATCACCAGGGTCATGAAAGAAGGCAAGTTCATCGACACATCTCCAGAGAAGGAA  
 GCTGAGGAAGCCCATACATGGAGGACTGGGAAGGTTACCCAGAAGAGACTTATCCAATATATGACCTTT  
 CGGATGGTATCAAGCGTAGGCAAGAAACAATCCTGGTGGATTACCTGACCTAAAAGAGCCCTCTGCTGA  
 AGAAATTGCTGAACAAATGGGAGAGATAGAAGAGGAAGGATCAGAGCGTTTGAGCTGGGATCATTTGCCC  
 ACTGACCTGGAGCCAGAAAGATAATTCTGTTGCCCGTGTGATCCCAAACCAGAATCATGCTCCTGCT  
 GTTTCATGAAGAGGAGGATCCTGCTGTCTTGGCAGAGAATGCTGGTTTTCAGTGCAGATGGCTACAGTGA  
 GCAAGAGGAAGCCACCAAGGAAAAGTGTCCCGAGGACTTTACAAATGAAGGGCTGGGAGTCACTGAT  
 AATGCACACGTGGGTGGTATGTTGAGGAAGCGCAACCCCGAGGTTTTGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTAA



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**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\\_001038624.1](#), [NP\\_001033713.1](#)

**RefSeq Size:** 5303 bp

**RefSeq ORF:** 1104 bp

**Locus ID:** 320360

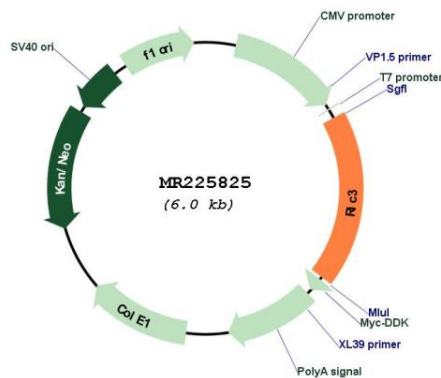
**UniProt ID:** [Q8BPM6](#)

**Cytogenetics:** 7 E3

**MW:** 40.7 kDa

**Gene Summary:** 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]

### Product images:



Circular map for MR225825