

## Product datasheet for **MC217519**

### **Ric8b (NM\_001013441) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ric8b (NM_001013441) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ric8b
Synonyms:	BC051080; Ric-8; Ric-8b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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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\\_001013441.2](#), [NP\\_001013459.1](#)

**RefSeq Size:** 4897 bp

**RefSeq ORF:** 1563 bp

**Locus ID:** 237422

**UniProt ID:** [Q80XE1](#)

**Cytogenetics:** 10 C1

**Gene Summary:** Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins by exchanging bound GDP for free GTP (By similarity). Able to potentiate G(olf)-alpha-dependent cAMP accumulation suggesting that it may be an important component for odorant signal transduction.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes isoform 1.