

## Product datasheet for MR202885

### Rab13 (NM\_001042499) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rab13 (NM_001042499) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rab13
Synonyms:	4930553C05Rik; AA958834
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202885 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGTCCCTGGATCGGGTGAAGGTTCTGGTGTGGGAGACTCAGGTGTTGGGAAATCTTCACTCGTCC  
ATCTTCTGTGCCACAATCAAGTGTAGGAAATCCGTCATGGACTGTGGGCTGCTCGGTGGATATCAGAGT  
TCATGACTACAAAGAAGGGACCCCTGAAGAGAAGACATACTATATAGAACTATGGGATGTTGGAGGCTCT  
GTGGGCAGTGCCAGCAGTGTGAAAAGCACAAGAGCGGTGTTCTACAACCTGTAAACGGCATCATTTTAG  
TACATGACTTAACAAATAAGAAGTCATCTCAAACCTTATATCGCTGGTCATTGGAAGTTCCTCAATCGGGA  
TGCAGTTCCAACCGGAGTCCCTGGTGACAAATGGGGATTATGACCGAGAACAGTTTCTGATAACCAAATC  
CCACTGTTGGTAATAGGGACTAACTGGACCAGATTCATGAAACCAAGCGCCATGAAGTTTTAATCAGGA  
CTGCTTCTCGGCTGAGGACTTCAATGCTGAAGAGATTAATTTGGATTGCACAAACCCACGGTCTCAGC  
TGCAGGCTCCTCCAATGCTGTCAAGCTCAGTAGATTTTTGATAAGGTTATAGAGAAGAGATATTTTTTT  
AGAGAAGGTAATCAGATTCGGGCTTTTCTGATCGGAAGAGGTTTGGAGGAGGGGCACTGAAGAACTTCC  
ACTGTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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\\_001042499.1](#), [NP\\_001035964.1](#)

**RefSeq Size:** 2022 bp

**RefSeq ORF:** 711 bp

**Locus ID:** 67657

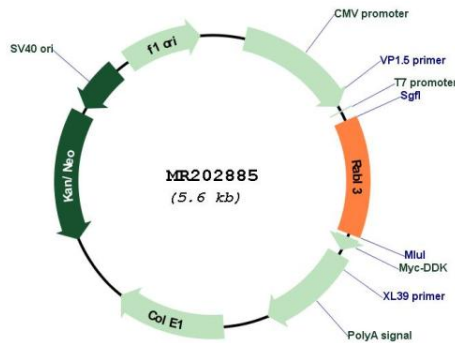
**UniProt ID:** [Q9D4V7](#)

**Cytogenetics:** 16 B3

**MW:** 26.3 kDa

**Gene Summary:** Required for KRAS signaling regulation and modulation of cell proliferation (PubMed:31406347). Regulator of KRAS prenylation, and probably prenylation of other small GTPases (By similarity). Required for lymphocyte development and function (PubMed:32220963). Not required for myeloid cell development (PubMed:32220963). [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR202885