

Product datasheet for **RC209722**

RAB34 (NM_031934) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RAB34 (NM_031934) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RAB34
Synonyms: NARR; RAB39; RAH
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC209722 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACATTCTGGCACCCGTGCGGAGGGATCGCGTCTGGCGGAGCTGCCCCAGTGCCTGAGGAAGGAGG
CCGCTTTGCACGGGCACAAAGACTTCCACCCCGCGTCACCTGCGCCTGCCAGGAGCACC GGACAGGCAC
CGTGGGATTTAAGATCTCCAAGGTCATTGTGGTGGGGACCTGTCGGTGGGAAGACTTGCCTCATTAA
AGTTCTGCAAAGACACCTTTGATAAGAATTACAAGGCCACCATTGGAGTGGACTTCGAGATGGAACGAT
TTGAGGTGCTGGCATTCCCTTCAGTTTGCAGCTTTGGGATACCGCTGGCAGGAGAGGTTCAAATGCAT
TGCATCAACCTACTATAGAGGAGCTCAAGCCATCATCATTGTCTTCAACCTGAATGATGTGGCATCTCTG
GAACATACCAAGCAGTGGCTGGCCGATGCCCTGAAGGAGAATGACCCCTCCAGTGTGCTTCTTCTCCTTG
TAGGTTCCAAGAAGGATCTGAGTACCCCTGCTCAGTATGCGCTGATGGAGAAAGACGCCCTCCAGGTGGC
CCAGGAGATGAAGGCTGAGTACTGGCAGTCTCATCTCTCACTGGTGAGAATGTCCGAGAATTCTTCTTC
CGTGTGGCAGCACTGACCTTTGAGGCAATGTGCTGGCTGAGCTGGAGAAATCGGGGGCTCGACGCATTG
GGGATGTTGTCCGCATCAACAGTGTGACAACAACCTCTACCTAACTGCCAGCAAGAAGAAGCCACATG
TTGCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_031934.6](#)

RefSeq Size: 1785 bp

RefSeq ORF: 780 bp

Locus ID: 83871

UniProt ID: [Q9BZG1](#)

Cytogenetics: 17q11.2

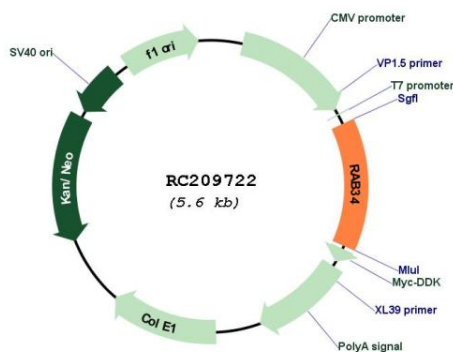
Domains: ras, RAN, RAS, RHO, RAB

Protein Families: Druggable Genome

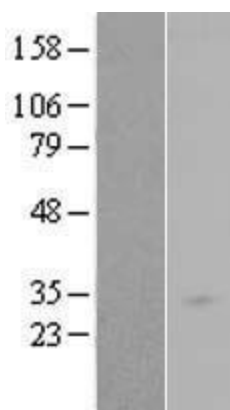
MW: 29.1 kDa

Gene Summary: This gene encodes a protein belonging to the RAB family of proteins, which are small GTPases involved in protein transport. This family member is a Golgi-bound member of the secretory pathway that is involved in the repositioning of lysosomes and the activation of macropinocytosis. Alternative splicing of this gene results in multiple transcript variants. An alternatively spliced transcript variant produces the nine-amino acid residue-repeats (NARR) protein, which is a functionally distinct nucleolar protein resulting from a different reading frame. [provided by RefSeq, Dec 2016]

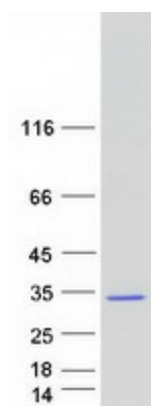
Product images:



Circular map for RC209722



Western blot validation of overexpression lysate (Cat# [LY403132]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209722 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified RAB34 protein (Cat# [TP309722]). The protein was produced from HEK293T cells transfected with RAB34 cDNA clone (Cat# RC209722) using MegaTran 2.0 (Cat# [TT210002]).