

## Product datasheet for **RC209740**

### **RAB26 (NM\_014353) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RAB26 (NM_014353) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RAB26
Synonyms:	V46133
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC209740 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCAGGAAGAAGACCCCAAGAGCAAAGGGGCCAGCACCCCGCTGCCTCCACGCTGCCACCGCCA  
ACGGGGCCCGACCGGCGCGCTCCGGGACTGCGCTTCCGGCCCGACGCGCCGCCAACGGGCCCTTGCA  
GCCCGGCCGGCCCTCGTTGGCGCGGTGTCGACTTCTACGACGTCGCCTCAAGGTCATGCTGGTGGG  
GACTCGGGTGTGGGAAGACCTGTCTGCTGGTGCATTCAAGGATGGTGTTCCTGGCGGGACCTTCA  
TCTCCACCGTAGGCATTGACTTCCGGAACAAGTTCTGGACGTGGATGGTGTGAAGTGAAGCTGCAGAT  
GTGGGACACAGCTGGTCAGGAGCGGTTCCGCAGTGTACCCATGCCTACTACCGGATGCATGCTCTG  
CTGCTGCTCTACGATGTCACCAACAAGGCTCCTTTGACAACATCCAGGCCTGGCTGACCGAGATCCACG  
AGTACGCCAGCAGCAGCTGGCGCTCATGCTGCTGGGAACAAGGTGGACTCTGCCATGAGCGTGTGGT  
GAAGAGGGAGGACGGGGAGAAGCTGGCCAAGGAGTATGGACTGCCCTTCATGGAGACCAGCGCAAGACG  
GGCCTCAACGTGGACTTGGCCTTACAGCCATAGCAAAGGAGTTGAAGCGGCGCTCCATGAAGGCTCCCA  
GCGAGCCGCGCTCCGGTGCATGATTACGTAAAGAGGGAGGTCGAGGGGCCTCCTGCTGCCGCCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA





**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\\_014353.4](#), [NP\\_055168.2](#)

**RefSeq Size:** 1641 bp

**RefSeq ORF:** 771 bp

**Locus ID:** 25837

**UniProt ID:** [Q9ULW5](#)

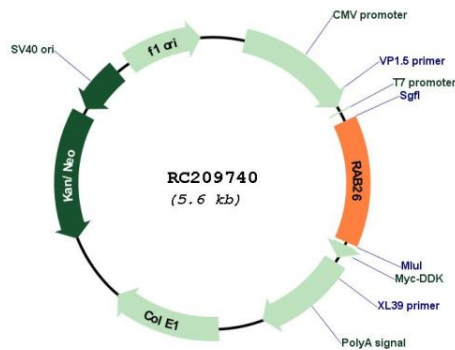
**Cytogenetics:** 16p13.3

**Protein Families:** Druggable Genome

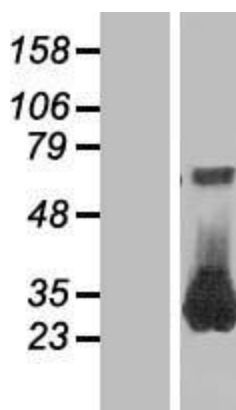
**MW:** 27.9 kDa

**Gene Summary:** Members of the RAB protein family, including RAB26, are important regulators of vesicular fusion and trafficking. The RAB family of small G proteins regulates intercellular vesicle trafficking, including exocytosis, endocytosis, and recycling (summary by Seki et al., 2000 [PubMed 11043516]).[supplied by OMIM, Nov 2010]

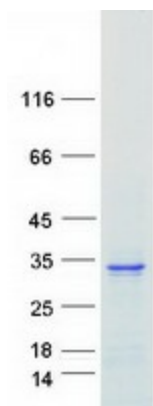
**Product images:**



Circular map for RC209740



Western blot validation of overexpression lysate (Cat# [LY415337]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209740 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified RAB26 protein (Cat# [TP309740]). The protein was produced from HEK293T cells transfected with RAB26 cDNA clone (Cat# RC209740) using MegaTran 2.0 (Cat# [TT210002]).