

Product datasheet for RC218265

RAB3IP (NM_175625) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB3IP (NM_175625) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RAB3IP
Synonyms:	RABIN3; RABIN8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC218265 representing NM_175625 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGATTAATAAAGATGAAAGGGTTATCTTATGATGAGGCTTTTGCTATGGCTAATGATCCCTTGAAG
GCTTCCATGAAGTAAACCTTGCTTCACCTACTTCTCCGGACCTTCTTGGTGTGTGAATCAGGAAGTCA
AGAGCAGACTACCTACCAAGTGCATCTACCGCCACACCTTCAGCTTTATCCTCTGTACCTATCCAG
GCAATGCATTAGATGTTTCTGAACTTCTACACAACCCGTGATTCATCCCCAGACGTTTAAATTGTG
CGGAAATATCTAGTATCAGCTTTCATGTTACAGACCCAGCCCTTGCTCTACCTCTGGAGTCACAGCTGG
ATTAATAAATAAATACTACAAGAAAGGACAATAATGCAGAGAGAGAGTTTTTACAGGGTGCTACTATA
ACAGAGGCTTGGCAGTGTGATATTTTTGGGTTGAGTACTGATAGTCTGTCTCGTTTACGAAGCC
CATCTGTTTTGGAAGTTAGAGAAAAGGGCTATGAACGATTAAGAAGAACTCGCAAAAGCTCAGAGGGA
ACTGAAGTAAAAGATGAAGAAATGTGAGAGGCTTTCAAAGTGCGAGATCAACTTGGACAGGAATTGGAA
GAACTCACAGCTAGTCTATTTGAGGAAGCTCATAAAATGGTGAGAGAAGCAAATATCAAGCAGGCAACAG
CAGAAAAACAGCTAAAAGAAGCACAAGGAAAAATGATGTAAGTCAAGCTGAAGTGTGATTGAAGAC
ACTTGTATTGTCCAGTTCTCAACATCACCTACGAGGAGCCTTTGCCAGGTGGAAGACACCTTTTAAA
AAGGGGCATACAAGAAATAAAAGCACAAGCAGTGTGATGAGTGGCAGTCAACAGACCTCAGTGTGATAC
AGCCAATTGTAAGAGACTGCAAGAGGCTGACTTATCCTTGTATAATGAATCCGATTGTGGAAGGATGA
GCCACAATGGACAGGACGTGCTCTTTCTAGACAAAATCTACCAGGAAGATATCTTTCCATGTTTAAACA
TTCTCAAAAAGTGAAGTGGCTTTCAGCTGTTCTGGAGGCTGTGGAAAAAATACTCTAAGCATTGAACCG
TGGGATTACAACCTATCCGGTTTGTGAAAGCTTCTGCAGTTGAATGCGGAGGACCAAAATCACTTCTGTA
TGTAACTTTTTACATACATTTCGATACATTTCAGCAGGGACTCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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_175625.4](#)

RefSeq Size: 2047 bp

RefSeq ORF: 1236 bp

Locus ID: 117177

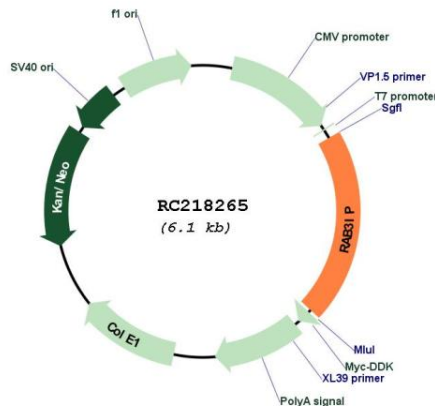
UniProt ID: [Q96QF0](#)

Cytogenetics: 12q15

MW: 45 kDa

Gene Summary: Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5. Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface. Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC218265