

Product datasheet for **SC106242**

p40 (RABEPK) (AL832249) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	p40 (RABEPK) (AL832249) Human Untagged Clone
Tag:	Tag Free
Symbol:	p40
Synonyms:	bA65N13.1; p40; RAB9P40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AL832249, the custom clone sequence may differ by one or more nucleotides

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GTCACGGCTCGGACTGGCCTAAGTCGCCGAGAAGTCCACGTGGGGATGAGATTTGCTGGGCTGGTAG
CGGCGGTGCTGCGGGAGGTCCCGCCACGTGAAGCCAGCCTAACTGAGCTCTGGACTTTGGGGACAGCT
GTCAGTGGCTAGGCCGAGACACCATGAAGCAACTGCCAGTCTTGAACCTGGAGACAAGCCAGGAA
AGCAACATGGTACACCTTGACTGTCCCTGGAGACAGCCCCTGTGCTCGAGTTGGCCACAGCTGTTATAT
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CCGGTATGAACATGCTAGCTTCACTCCCTCCTGCACACCTGACCGTATCTGGGTATTTGGAGGTGCCAAC
CAATCAGGAAATCGAAATGTCTACAAGTCTGAATCCTGCTTTTAAATCTTGGGGATTTTGGAGTGTCT
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ACCAGCCCCCACCATCCCAAGAACATTCCACACATCATCGGCAGCCATTGGAAACCAGCTATATGTCT
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5' Read Nucleotide Sequence:

>OriGene 5' read for AL832249 unedited
 NGGGGGNNNNNNNNNNNNNNNNNNNNNNNNNNNNNGGTTCAAATTTGTNATACAACCTCATATAG
 GCGGCCGCGCAATTCGCACGAGCCGGTGTGGTATCACGGCTCGCGACTGGCCTAAGTCGC
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 AAAGCAACATGGTACACCTTGACTGTTCTGGAGACAGCCCTGTGCTCGAGTTGGCCAC
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 TGGGACTTACATACCTGTGAGGGCTCTTGCCACGTATGAACATGCTAGCTTCATTCCCT
 ACTGCACACCTGACCGTATCTGCGTATTTGGAGGTGCCAACCAATCACGATATCGAAGAT
 GTCTACCAGTCTGAATCCTGAGACATGACGTGGACTACGCCAGAAGTACCAAGCTCC
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 AACTCTGACCTGNTCACAGCCAGAGACTTGTAAATCTCCATCTCCGCCATGGTAT
 GTGATCGTGCACCATGACCAAGCTCTTCTGCACCGAGCTGTCCGNGACAGATCTATGAGA
 CCTCCATGGATGATTAGGACATGAATGCCAAGCTAATCCTGGGGCTGTTCACAGCTGG
 GCTGCCATAACTGGGCCTGAAACTTGACTTT

3' Read Nucleotide Sequence:

>OriGene 3' read for AL832249 unedited
 TGATGTTTCGATTTTTTTTTTTTTTTTTTTTTTATAAAATGTGGGTTTTATTAGTCCACTA
 CAGTCACAATACAATCGTCATAGATTTCCCTTCTGTATTCATCCACCAACACCAAAC
 AGAGCAGTGTAGCAGTCTGGCTTTCCTCATGTGAGTACCACCTGTGGCTCATTACTTTGT
 CAGCTGAATCCTCTTCTCAGCTTCATGGTTCAGAGTGAGAGAGTTGGAATCTTCTTTCT
 CAGAAGCACACGTCACTGGCCATGGAATGATACACATGGAATGGTCCAATCGTCCAGGGG
 GTAGAAGAGTATCAAATTAAGCAAGGTCCAATGCTGCTCTTCTGTGTGATACTGGTACA
 TTGTGTCCAGTGTCTCAGGAGTCAATCCACCAAGATGTACACATGTTTTCCCATGG
 CCACAGCTGAGTGGGCAGCACAGCCTGCTGGAGCAGCCCCAGTGGGATTTAGCTTCTGCC
 ATTTTCATGTCATTATATCAATGCAGTGGAGGTATCATAGAATCTGTCCCCCGCAAGC
 CTCCGTGGATGAAGAGCTTTGTCCTGCTGCCACCATCACATGACCATGCCGGGGAGATG
 GAGGATTTCCAAGTGTCTCTGGCTGTGACCAGGTACAGAGTGTTCGCGTCAAACACATGCA
 GCTTCGTGCTCCTGCACGGGCTGGGCACCTCTCTCCGCCCCAAAGACATATAGCTGGT
 TTCCAATGGCTGCCGATGATGTGGAATGTTCTTGGGGATGGTGGGGGGCTGGTCACTT
 CTGGCGTGGTCCACGTCTGGTTTTTCAGATTCAGGACTTGTA

Restriction Sites:

NotI-NotI

ACCN:

AL832249

Insert Size:

1350 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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: [AL832249.1](#), [CAH10393.1](#)

RefSeq Size: 2472 bp

RefSeq ORF: 2472 bp

Locus ID: 10244

Cytogenetics: 9q33.3

Protein Families: Druggable Genome

Gene Summary: Rab9 effector required for endosome to trans-Golgi network (TGN) transport.
[UniProtKB/Swiss-Prot Function]