

Product datasheet for **SC126358**

p40 (RABEPK) (BC000503) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	p40 (RABEPK) (BC000503) Human Untagged Clone
Tag:	Tag Free
Symbol:	p40
Synonyms:	bA65N13.1; DKFZp686P1077; OTTHUMP00000022126; p40; Rab9 effector p40; Rab9 effector protein with kelch motifs; RAB9P40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC000503 edited
 GGCGAGGGTCCCCGGATACCGGGTCTATCACAGTCTCGGGCAGGGAGTCTGAATCTTTTA
 GGGGAGTGGGCCAAGCCGGGTGCAAAAACGGGGAAGGGCCTTCCCTGGCTCCGTC
 GCCACTTTGACCGAATCAGCCTGTTCTTTCCCGACCCCGTCTCCTATCCCTAGAACTGC
 CACGTGGGGATGAGATTTGCTGGGCTGGTAGCGGCGGCTGCTGCGGGAGGTCCCAGCCAC
 GTGAAGCCAGCCTAACTGAGCTCTGGACTTTGGGACAGCTGTCAGTGGCCTAGGCCGCA
 GGACACCATGAAGCAACTGCCAGTCTTGGAACTGGAGACAAGCCAGGAAAGCAACATG
 GTACACCTTGACTGTCCCTGGAGACAGCCCTGTGCTCGAGTTGGCCACAGCTGTTCCATA
 TTTACCCCGAGTTGGTAATGCCAAGAGAGGGAAGGTCTTCATTGTTGGGGAGCAAAATCC
 AAACAGAAGCTTCTCAGACGTGCACACCATGGATCTGGGAAAATACCAGTGGGACTTAGA
 TACCTGCAAGGGCCTCTTGCCCGGTATGAACATGCTAGCTTCATTCCCTCCTGCACACC
 TGACCGTATCTGGGTATTTGGAGGTGCCAACCAATCAGGAAATCGAAATGTCTACAAGT
 CCTGAATCCTGAAACCAGGACGTGGACCACGCCAGAAGTGACCAGCCCCCACCATCCCC
 AAGAACATTCCACACATCATCGGCAGCCATTGGAACCAGCTATATGTCTTTGGGGGCGG
 AGAGAGAGGTGCCAGCCGTGCAGGACACGAAGCTGCATGTGTTGACGCAAACACTCT
 GACCTGGTCACAGCCAGAGACACTTGGAAATCCTCCATCTCCCGGCATGGTCATGTGAT
 GGTGGCAGCAGGGACAAAGCTCTTCATCCACGGAGGCTTGGCGGGGACAGATTCTATGA
 TGACCTCCACTGCATTGATATAAGTGACATGAAATGGCAGAAGCTAAATCCCACTGGGGC
 TGCTCCAGCAGGCTGTGCTGCCACTCAGCTGTGGCCATGGGAAAACATGTGTACATCTT
 TGGTGGAAATGACTCCTGCAGGAGCACTGGACACAATGTACCAGTATCACACAGAAGGCA
 GCATTGGACCTTGCTTAAATTTGATACTTTCTACCCCTGGACGATTGGACCATTCCAT
 GTGTATCATTCCATGGCCAGTGACGTGTGCTTCTGAGAAAAGAGTTCCAACCTCTCTCAC
 TCTGAACCATGAAGCTGAGAAAAGAGGATTCAGCTGACAAAAGTAATGAGCCACAGTGTGA
 CTCACATGAGGAAAGCCAGACTGCTACACTGCTCTGTTTGGTGTGTTGGTGGGATGAATAC
 AGAAGGGGAAATCTATGACGATTGTATTGTGACTGTAGTGGACTAATAAAACCCACATTT
 TTATTACCAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC000503 unedited
 TTTGCGTCAAAAATGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGGCGAG
 GGTCCCCGGNAACCGGGTCTATCACAGTCTCGGGCAGGGAGTCTGAATCTTTTAGGGGAG
 TGGGCCCAAGCCGGGTGCAAAAACGGGGAAGGGCCTTCCCTGGCTCCGTCGCCGCACT
 TTGACCGAATCAGCCTGTTCTTTCCCGACCCCGTCTCCTATCCCTAGAACTGCCACGTG
 GGGATGAGATTTGCTGGGCTGGTAGCGGCGGCTGCTGCGGGAGGTCCCAGCCACGTGAAG
 CCAGCCTAACTGAGCTCTGGACTTTGGGACAGCTGTCAGTGGCCTAGGCCGAGGACAC
 CATGAAGCAACTGCCAGTCTTGGAACTGGAGACAAGCCAGGAAAGCAACATGGTACAC
 CTTGACTGTCCCTGGAGACAGCCCTGTGCTCGAGTTGGCCACAGCTGTTTATTTACC
 CCCAGTTGGTAATGCCAAGAGAGGGAAGGTCTTCATTGTTGGGGAGCAAATCCAACAG
 AAGCTTCTCAGACGTGCACACCATGGATCTGGGAAAATACCAGTGGGACTTAGATACCTG
 CAAGGGCCTCTTGCCCGGTATGAACATGCTAGCTTCATTCCCTCCTGCACACCTGACCG
 TATCTGGGTATTTGGGAGGTGCCAACCAATCAGGAAATCGAAAATGTCTACAAGTCCCT
 GATCCTGAAACCAGGACGTGGACCACGCCANAAATGACCAANCCCCCACATACCCAAA
 ACATCCCCACATCATCGGCCCAATGGGGAACCGCTATTAGTCTTTGGGGGCCGAAAAA
 GAATGGCCCCACCCCTGCCG

Restriction Sites: NotI-NotI
ACCN: BC000503

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:	<ol style="list-style-type: none">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:	<u>BC000503.2</u> , <u>AAH00503.1</u>
RefSeq Size:	1466 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]