

## Product datasheet for **SC328527**

### p40 (RABEPK) (NM\_001174153) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	p40 (RABEPK) (NM_001174153) Human Untagged Clone
Tag:	Tag Free
Symbol:	p40
Synonyms:	bA65N13.1; p40; RAB9P40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001174153, the custom clone sequence may differ by one or more nucleotides ATGAAGCAACTGCCAGTCTTGGAACTGGAGACAAGCCCAGGAAACACATGGTACACC TTGACTGTCCCTGGAGACAGCCCCTGTGCTCGAGTTGGCCACAGCTGTTTCATATTTACCC CCAGTTGGTAATGCCAAGAGAGGGAAGGTCTTCATTGTTGGGGGAGCAAATCCAAACAGA AGCTTCTCAGACGTGCACACCATGGATCTGAAACCAGGACGTGGACCACGCCAGAAGTG ACCAGCCCCCACCATCCCCAAGAACATTCCACACATCATCGGCAGCCATTGAAACCAG CTATATGTCTTTGGGGCGGAGAGAGAGGTGCCAGCCCGTGCAGGACACGAAGCTGCAT GTGTTTGACGCAAACACTCTGACCTGGTCACAGCCAGAGACACTTGAAATCCTCCATCT CCCCGGCATGGTCATGTGATGGTGGCAGCAGGGACAAAGCTCTTCATCCACGGAGGCTTG GCGGGGACAGATTCTATGATGACCTCCACTGCATTGATAAAGTGACATGAAATGGCAG AAGCTAAATCCCCTGGGCTGCTCCAGCAGGCTGTGCTGCCACTCAGCTGTGGCCATG GGAAAACATGTGTACATCTTTGGTGAATGACTCCTGCAGGAGCACTGGACACAATGTAC CAGTATCACACAGAAGAGCAGCATTGGACCTTGCTTAAATTTGATACTCTTCTACCCCCT GGACGATTGGACCATTCCATGTGTATCATTCCATGGCCAGTGACGTGTGCTTCTGAGAAA GAAGATTCCAACCTCTCACTCTGAACCATGAAGCTGAGAAAGAGGATTAGCTGACAAA GTAATGAGCCACAGTGGTACTCACATGAGGAAAGCCAGACTGCTACACTGCTCTGTTTG GTGTTTGGTGGGATGAATACAGAAGGGGAAATCTATGACGATTGTATTGTACTGTAGTG GACTAA
Restriction Sites:	Please inquire
ACCN:	NM_001174153



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001174153.1</a></u> , <u><a href="#">NP_001167624.1</a></u>
<b>RefSeq Size:</b>	1407 bp
<b>RefSeq ORF:</b>	966 bp
<b>Locus ID:</b>	10244
<b>UniProt ID:</b>	<u><a href="#">Q7Z6M1</a></u>
<b>Cytogenetics:</b>	9q33.3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Rab9 effector required for endosome to trans-Golgi network (TGN) transport.            [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a.</p>