

## Product datasheet for MC209997

### Rp9 (NM\_018739) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rp9 (NM_018739) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rp9
Synonyms:	PAP-1; Rp9h
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209997 representing NM_018739 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGTCGTCGGGGCCGGGTCTCGGCGGCCGCGGAGCCGCGGAGCACGAGCTGCAGCGGCGGGGAGC  
 AGAAACGGCGCGGCACGACGCGCAGCAGCTGCAGCAGCTCAAGCACCTGGAGTCCTTTATGAGAAACC  
 TCCTCCTGGGTTTATAAAGGAGGACGAGACGAAGCCAGAAGACTGTATACCAGATGTGCCCGCAATGAA  
 CATGCCAGGGAGTTTCTGGCTCACGCTCCGACTAAAGGACTGTGGATGCCCTGGGAGAGAGGTCAAAG  
 TTATGCAATGTTGGCGTTGCAAACGGTATGGCCATCGAACAGGCGACAAAGAATGCCCTTTCTTTATCAA  
 AGGCAACCAGAAGTTAGAACAGTTCCGAGTCGCACATGAAGATCCTATGTACGACATCATTGCGGAGAAT  
 AAAAGACATGAAAAGGATGTAAGGATCCAGCAGTTAAAGCAGTTACTGGAGGACTCCACCTCAGATGACG  
 ACGGGAGCAGCTCCAGCTCCTCGGGGACAGAGAGAAGCGCAAGAAAAGGAAGAAAAAGCAAA  
 GAAACGCAAGAAGGAGAAGAAAAAGAAGAAGAACGGAAGCACAAAGGCTTCCAAGTCCAGTGAGAGCTCT  
 GACTCAGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_018739
Insert Size:	642 bp


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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>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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_018739.2</a></u> , <u><a href="#">NP_061209.1</a></u>
<b>RefSeq Size:</b>	1142 bp
<b>RefSeq ORF:</b>	642 bp
<b>Locus ID:</b>	55934
<b>UniProt ID:</b>	<u><a href="#">P97762</a></u>
<b>Cytogenetics:</b>	9 A3
<b>Gene Summary:</b>	Is thought to be a target protein for the PIM1 kinase. May play some roles in B-cell proliferation in association with PIM1.[UniProtKB/Swiss-Prot Function]