

## Product datasheet for RN211579

### Prpsap2 (NM\_057131) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prpsap2 (NM\_057131) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Prpsap2  
 Synonyms: Pap41  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN211579 representing NM\_057131  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTTTGTGTGGCGCCTCCTGAATTAGAAACCAAGATGAACATAACCAAAGGAGGCCTCGTGTGTTTT  
 CAGCAAATCCAATTCATCATGTATGGAGCTTTCAAAGAAAATTGCAGAGCGGCTGGGGTGAGATGGG  
 CAAAGTGCAGTTTACCAGGAACCTAACAGAGAAACACGAGTTCAAATCCAGGAGTCTGTGAGAGGGAAA  
 GATGTATTATCATTAGACCGTCTCGAAGGACGTGAACACCACCATCATGGAGCTCCTGATTATGGTAT  
 ATGCATGTAAGACCTCTTGTGCCAAGAGCATCATTGGAGTGATCCCTACTTTCTTATAGCAAGCAGTG  
 CAAGATGAGAAAAAGGGCTCTATTGTCTCAAAATTGCTGGCTTCTATGATGTGCAAAGCTGGTCTGACT  
 CATCTTATCACTATGGATTTACACCAGAAGGAAATCCAGGGCTTCTTCAATATCCAGTGGATAATTTAA  
 GAGCCTCCCTTTCTGTTACAGTATATTCAAGAAGAGATCCCAGATTATAGGAATGCAGTCATCGTGGC  
 CAAGTCTCCAGCCTCAGCCAAGAGGGCACAATCTTTGCAGAGCGTCTACGCCTGGGGATCGCAGTGATC  
 CATGGAGAAGCACAGGATGCTGAGTCTGACTTGGTGGATGGCCGGCACTCCCACCAATGGTCAGGAGTG  
 TAGCTGCCATCCACCCAGCCTGGAGATCCCAATGCTGATTCTAAAGAAAAGCCCCAATCACAGTTGT  
 TGGTGATGTTGGAGGAAGAATTGCCATCATCGTGGATGACATTATTGATGATGTGGACAGCTTCTTGCT  
 GCAGCAGAGACCTAAAGGAAAGAGGTGCATATAAGATCTTTGTGATGGCAACTCACGGCTTGTATCCT  
 CTGATGCTCCCGGCTGATTGAAGAGTCTGCCATTGATGAGGTGGTGGTCACTAACACGATCCCACATGA  
 AATCCAGAAGTTGCAGTGCCCAAGATCAAGACTGTGGACATCAGCATGATCCTCTCAGAAGCCATCCGC  
 CGAATTCACAACGGGAGTCCATGTCCTACCTTTTCAGAAACATAGGCTTAGATGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_057131



<b>Insert Size:</b>	1110 bp
<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>RefSeq:</b>	<u>NM_057131.1, NP_476472.1</u>
<b>RefSeq Size:</b>	1612 bp
<b>RefSeq ORF:</b>	1110 bp
<b>Locus ID:</b>	117272
<b>UniProt ID:</b>	<u>O08618</u>
<b>Cytogenetics:</b>	10q22
<b>Gene Summary:</b>	associates with the catalytic subunits and 39 kDa associated protein of the ribose-phosphate diphosphokinase enzyme complex [RGD, Feb 2006]