

## Product datasheet for RN214150

### Prap1 (NM\_031669) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Prap1 (NM\_031669) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Prap1  
**Synonyms:** Upa  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN214150 representing NM\_031669  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAAGAGGTTTCTCCTGGCCACCTGTCTGGTGGCTGTGCTGCTGTGGGAGGCAGGTGCAATTCAGCAC  
ACCAGGTCCTGTCAAGACCAAAGGCAAACATGTGTTCCCTGAACAGGAAACAGAGAAGGCCTGGGGTAC  
CAGAGCCATGGAACCTTTGAAAAGGATGACCAGCTGAGGGCAGCTGCTTCTGTACCCAAGCAGAAGCTT  
GCAGCCACTGAGGAAAAGCATTAGATACCATGACCTGGGTGGAACTAAGGACATCCTGAGCCGTTTTTC  
GGAATCCTCTTCAGGGTCCAGAAGCTGGATCTTGACAGCATATACCATCCCATGTCTGAGGATGTCCAGAA  
TGAAGAAGTGCCCGAGTCTAGGCCATCTATATCGTCAGGTGCTGCACGGACCAGAGGAGGACCTTGAC  
CACATCTCCCACTCTCTGGAGGATTCTGGAGAGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_031669

**Insert Size:** 459 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).



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<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_031669.1</a></u> , <u><a href="#">NP_113857.1</a></u>
<b>RefSeq Size:</b>	671 bp
<b>RefSeq ORF:</b>	459 bp
<b>Locus ID:</b>	60574
<b>UniProt ID:</b>	<u><a href="#">Q9ES75</a></u>
<b>Cytogenetics:</b>	1q41
<b>Gene Summary:</b>	specifically expressed in intestine and uterus; may play a role in pregnant uterus, and in digestion and absorption of nutrients in the gastrointestinal tract [RGD, Feb 2006]