

## Product datasheet for **RN206525**

### **Rpsa (NM\_017138) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpsa (NM\_017138) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rpsa  
**Synonyms:** Lamr1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206525 representing NM\_017138  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCCGGAGGCCTTGACGTCCTGCAGATGAAGGAGGAGGATGTCCTCAAATTCCTTGCTGCAGGAACCC  
ACTTAGGTGGCACCAACCTTGACTTTCAGATGGAGCAGTACATCTACAAAAGGAAAAGTGACGGTATCTA  
CATCATCAACCTGAAGAGGACTTGGGAGAAGCTGTTGTTAGCCGCTCGAGCTATTGTTGCCATTGAGAAC  
CCTGCTGATGTCAGCGTCATCTCCTCCAGGAACACTGGCCAGCGAGCTGTGCTGAAGTTTGCCGCTGCCA  
CAGGAGCCACTCCAATTGCTGGCCGCTTACACCTGGGACCTTCACTAACCAGATCCAAGCAGCCTTCAG  
GGAGCCCCGGCTTCTAGTGGTACTGATCCCCGGGCTGACCACCAGCCCCCTCACAGAGGCCTTTACGTC  
AACCTGCCACCATTGCTCTTTGTAACACAGATTCTCCCTGCGCTATGTGGACATTGCCATCCCATGCA  
ACAACAAGGGAGCTCACTCAGTGGTCTCATGTGGTGGATGCTGGCCAGGGAAGTACTCCGCATGCGAGG  
AACCATCTCCCGGAGCACCCATGGGAGGTTATGCCTGATCTTTACTTCTACAGGGACCCAGAGGAGATT  
GAGAAGGAGGAGCAGGCTGCCGCTGAGAAGGCTGTGACCAAGGAGGAATCCAGGGTGAATGGACGGCAC  
CAGCGCCTGAGTTCAGTCTGCTCAGCCTGAGGTGGCCGACTGGTCTGAGGGTGTGCAGGTGCCCTCTGT  
GCCATTTCAGCAGTTCCACAGAAAGACTGGAGTGCACAGCCGGCCACTGAGGACTGGTGCAGCAGCTCCC  
ACAGCACAGGCTACTGAGTGGGTTGGAGCCACCACTGAGTGGTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_017138  
**Insert Size:** 888 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>RefSeq:</b>	<a href="#">NM_017138.2</a> , <a href="#">NP_058834.1</a>
<b>RefSeq Size:</b>	1017 bp
<b>RefSeq ORF:</b>	888 bp
<b>Locus ID:</b>	29236
<b>UniProt ID:</b>	<a href="#">P38983</a>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	involved in the enterocyte development and differentiation [RGD, Feb 2006]