

Product datasheet for **RN214477**

Rps9 (NM_031108) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rps9 (NM_031108) Rat Untagged Clone
Tag: Tag Free
Symbol: Rps9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214477 representing NM_031108
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGGTCGCCAGAAGCTGGGTTTGTGCGAAAACCTATGTGACCCACGGAGACCCTTCGAGAAATCGC
GTCTCGACCAGGAGCTAAAGTTGATTGGAGAGTATGGGCTCCGGAACAAACGTGAGGTGTGGAGGGTCAA
ATTTACCCTGGCGAAGATTCGTAAGGCTGCCCGGAGCTGTTGACGCTGGACGAGAAGGATCCTCGGCCT
CTGTTTGAAGGCAACGCTCTGCTGAGACGACTTGTTCGAATTGGGGTGTGGATGAGGGCAAGATGAAGC
TGGATTACATTCTGGCCTGAAGATTGAGGATTTCTTGAGAGAAGGCTGCAGACCCAGGTCTTTAAGCT
GGGCTGGCCAAATCTATTCACCATGCCCGTGTGCTCATCCGCCAACGTACATCAGGGTCCGCAAGCAG
GTGGTGAACATTCCATCTTTTATTGTTTCGCTGGACTCTCAGAAGCACATTGACTTCTCCCTCCGTTCTC
CTTATGGTGGCGGCCGCCAGGCAGAGTGAAGAGGAAGAATGCCAAGAAAGGCCAGGGTGGTGTGGAGC
TGGTGATGATGAGGAAGAGGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031108
Insert Size: 585 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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Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_031108.4</u> , <u>NP_112370.2</u>
RefSeq Size:	756 bp
RefSeq ORF:	585 bp
Locus ID:	81772
UniProt ID:	<u>P29314</u>
Cytogenetics:	1q12
Gene Summary:	40S ribosomal subunit protein [RGD, Feb 2006] Transcript Variant: This variant (1) encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.