

Product datasheet for **RN205871**

Rps2 (NM_031838) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rps2 (NM_031838) Rat Untagged Clone
Tag: Tag Free
Symbol: Rps2
Synonyms: Rps2r1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205871 representing NM_031838
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGATGACGCCGGTGCAGCGGGAGGGCCCGGAGGACCCGGGGGCCAGGATTAGGAGGCCGCGCGG
GCTCCGCGGAGGATTCGGCAGCGGCCTTAGGGCCCGCGTCTGGCCGAGGCCGTGGCCCGGTTCGAGG
CCGCGGGGCTCGTGGAGGTAAGCTGAAGACAAGGAGTGGATCCCGTTACCAAGCTGGCCGCCTGGTT
AAGGACATGAAGATCAAGTCCTTGGAGGAGATCTACCTGTTCTCCCTGCCATTAAAGAGTCTGAGATTA
TTGACTTTTTCTGGGTGCATCTCTAAAGGATGAAGTTCTGAAAATCATGCCAGTGCAGAAGCAGACTCG
GGCTGGCCAGCGGACCAGGTTCAAGGCCTTTGTGCTATTGGGGACTACAATGGCCACGTTGGTCTTGGT
GTTAAGTGCTCCAAGGAGGTAGCCACTGCCATCCGAGGGGCCATCATCCTGGCCAAGCTTTCGATCGTCC
CAGTGCGGAGAGGCTACTGGGGAAACAAGATTGGCAAGCCCCACACTGTGCCATGCAAGGTGACAGGCCG
CTGTGGCTCTGTGCTGGTTTCGTCTCATCCCTGCCCCAGAGGCACTGGCATTGTCTCTGCTCCTGTGCC
AAGAAGCTACTGATGATGGCCGGTATAGATGACTGCTACACTTCAGCCAGGGGCTGCACTGCCACCCTGG
GCAACTTTGCCAAGGCCACCTTTGATGCCATCTCCAAGACCTACAGCTACCTGACCCCTGACCTCTGGAA
AGAGACTGTGTTACCAAGTCTCCTTATCAGGAATTCAGTACCATCTTGTGAAAACCCACACAGAGATC
TCTGTTACAGAGGCCAGGCTCCAGCTGTGGCTACCACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031838
Insert Size: 882 bp



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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).
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:	NM_031838.3 , NP_114026.3
RefSeq Size:	952 bp
RefSeq ORF:	882 bp
Locus ID:	83789
UniProt ID:	P27952
Cytogenetics:	10q12
Gene Summary:	40S ribosomal subunit protein [RGD, Feb 2006]