

Product datasheet for **RN204931**

Rps4x (NM_001007600) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rps4x (NM_001007600) Rat Untagged Clone
Tag: Tag Free
Symbol: Rps4x
Synonyms: MGC105788
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204931 representing NM_001007600
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCGTGGTCCCAAGAAACATCTGAAGCGCGTAGCGGCTCCAAAACACTGGATGCTGGATAAGCTGA
CTGGCGTGTGGCTCCTCGTCCATCCACTGGTCCACAAAACAGGGAATGCCTGCCTCTGATCATTTT
CCTAAGGAACAGACTTAAGTATGCCCTGACTGGAGATGAAGTAAAAAAGATTTGCATGCAGCGATTTCATT
AAGATTGATGGGAAAGTCAGGACCGATATAACCTACCCTGCTGGGTTTATGGATGTCATCAGCATTGACA
AGACTGGAGAGAACTTCCGTCTGATCTATGACACCAAGGGTTCGCTTTGCTGTTTCATCGAATTACACCTGA
GGAGGCCAAGTACAAGTTGTGCAAAGTGAGAAAGATCTTTGTGGGCACAAAAGGAATCCCACATCTGGTG
ACCCATGATGCCCGTACTATTCGATACCCTGATCCCCTCATCAAGGTGAATGACACCATTTCAGATTGATT
TGGAAACAGGCAAGATAACTGATTTTCATCAAGTTCGACTGGAAACCTGTGTATGGTGACTGGAGGTGC
TAACTTGGGGAGAATTGGTGAATCACC AATAGGGAGAGACATCCTGGCTCTTTTGATGTGGTTCATGTG
AAAGATGCCAACGGCAACAGCTTTGCCACTCGTCTTTCCAACATTTTGTATTGGCAAGGGCAACAAAC
CGTGGATTTCTTCCCCGAGGAAAAGGAATCCGCCTTACCATTGCTGAAGAGAGAGACAAGAGGCTAGC
AGCCAAACAGAGCAGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001007600
Insert Size: 792 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:	<u>NM_001007600.2</u> , <u>NP_001007601.1</u>
RefSeq Size:	978 bp
RefSeq ORF:	792 bp
Locus ID:	100362640
UniProt ID:	<u>P62703</u>
Cytogenetics:	Xq22
Gene Summary:	40 S ribosomal subunit [RGD, Feb 2006]