

Product datasheet for **RN216037**

Rps5 (NM_001277243) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rps5 (NM_001277243) Rat Untagged Clone
Tag: Tag Free
Symbol: Rps5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216037 representing NM_001277243
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGAATGGAAACAGCCACCCCGGGTGGCAGAGACCCCGGACATCAAGCTCTTTGGAAATGGA
 GCACTGATGATGTCAGATCAACGATATTTCTCTACAGGATTACATTGCTGTGAAGGAGAAGTATGCCAA
 GTACCTGCCCCACAGTGCAGGACGGTATGCTGCCAAGCGTTTCCGCAAAGCACAGTGTCCATCGTGGAG
 CGCCTTACTAACTCCATGATGATGCACGGTCGTAACAACGGCAAGAAGCTCATGACTGTACGAATTGTCA
 AGCATGCCTTTGAGATCATCCACCTGCTCACTGGTGAAGACCCTCTGCAGGTCTGGTGAATGCTATCAT
 CAACAGTGGCCCCGAGAAGACTCAACACGCATTGGGCGGGCTGGAACAGTGAAGCGGAGGCTGTGGAT
 GTATCCCCACTTCGCCGAGTGAATCAGGCCATCTGGCTGCTGTGCACGGGGCTCGTGAGGCTGCTTTCC
 GGAACATCAAGACCATCGCTGAGTGCCTTGAGATGAGCTCATTAAATGCTGCCAAGGGCTCCTCCAACTC
 CTATGCTATCAAGAAGAAAGATGAAGTGGAGCGTGTGGCCAAGTCTAACC**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277243
Insert Size: 615 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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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277243.1</u> , <u>NP_001264172.1</u>
RefSeq Size:	765 bp
RefSeq ORF:	615 bp
Locus ID:	25538
Cytogenetics:	1q12
Gene Summary:	mouse homolog is a component of the 40S subunit [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).