

Product datasheet for **RR215490**

Rpl32 (NM_013226) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpl32 (NM_013226) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rpl32
Synonyms: MGC72905
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215490 representing NM_013226
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGCCCTTCGGCCTCTGGTGAAGCCCAAGATCGTCAAAAAGAGGACCAAGAAGTTCATCAGGCACC
AGTCGGACCGATATGTGAAAATTAAGCGAAACTGGCGGAAACCCAGAGGCATCGACAACAGGGTTCGGGAG
AAGATTC AAGGGCCAGATCCTGATGCCCAACATTGGTTACGGGAGTAACAAGAAAACCAAGCACATGCTG
CCTAGCGGCTCCGGAAGTTTCTGGTCCACAATGTCAAGGAGCTGGAAGTCTGCTGATGTGCAACAAAT
CTTACTGTGCTGAGATTGCTCACAATGTGTCTCTAAGAACCGAAAAGCCATCGTAGAAAAGAGCAGCACACA
GCTGGCCATCAGAGTCACCAATCCCAACGCCAGGCTACGCAGCGAAGAGAATGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215490 representing NM_013226
Red=Cloning site Green=Tags(s)

MAALRPLVKPKIVKKRTKKFIRHQSDRYVYIKRNWRKPRGIDNRRVRRRFKQILMPNIGYGSNKKTKHML
PSGFRKFLVHNVKELEVLLMCNKSYCAEIAHNVSSKNRKAIVERAAQLAIRVTNPNARLRSEENE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_013226.2 , NP_037358.1
RefSeq Size:	564 bp
RefSeq ORF:	408 bp
Locus ID:	28298
UniProt ID:	P62912
Cytogenetics:	4q42
MW:	15.9 kDa
Gene Summary:	ribosomal protein subunit [RGD, Feb 2006]