

Product datasheet for **RR201881**

Rpl8 (NM_001034916) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl8 (NM_001034916) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rpl8
Synonyms:	MGC124745; MGC156485
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR201881 representing NM_001034916 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCCGTGTGATCCGAGGCCAGAGGAAAGGTGCCGGTTCTGTGTTTCGTGCGCACGTGAAGCACCGTA
AGGGAGCCGCGCTCTGCGTGTGGACTTCGCGGAGCGACACGGCTACATTAAGGCATCGTAAAGGA
CATCATTGATGACCTGGCCGCGCGCTCCCTCGCGAAAGTAGTCTTTCGTGATCCCTATCGATTCAAG
AAGCGGACAGAGCTGTTTCATCGCCGAGAGGGAATCCACACTGGACAGTTTGTGTACTGCGCAAGAAGG
CCCAGCTGAATATTGGCAATGTTTTGCCGTGGGACCATGCCTGAGGGTACTATCGTGTGTTGTCTGGA
GGAGAAGCCTGGGGACAGGGCAAGCTGGCAGCAGCCTCCGGAACTATGCTACAGTCATCTCCACAAC
CCAGAGACCAAGAAGACCCGAGTGAAGCTGCCTCAGGGTCCAAGAAGGTCATTTCTCTGCTAACCAG
CTGTTGTTGGTGTGCTGGCTGGCGGGGGCAGAATTGACAAGCCTATCTTAAAGGCTGGCCGTGCCTACCA
TAAGTACAAGGCAAGAGGAAGTCTGGCCACGTGTGCGGGGTGTTGCCATGAATCCTGTGGAGCATCCC
TTTGGCGGTGTAACCACCAGCACATTGGCAAGCCTTCCACTATCCGAAGAGATGCCCCAGCTGGGCGCA
AAGTGGGTCTCATTGCTGCTCGCCGACTGGACGGCTACGTGGAACCAAACTGTACAGGAGAAGGAGAA
C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR201881 representing NM_001034916
 Red=Cloning site Green=Tags(s)

MGRVIRGQRKAGSVFRAHVKHRKGAARLRAVDFAERHGYIKGIVKDIHDPGRGAPLAKVVFRDPYRFK
 KRTELFIAAEGIHTGQFVYCGKKAQLNIGNVLPVGTMPGEGTIVCCLEEKPGDRGKLARASGNYATVISHN
 PETKKTRVKLPSGSKKVISSANRAVVGVVAGGGRIDKPKILKAGRAYHKKAKRNCWPRVRGVAMNPVEHP
 FGGGNHQHIGKPSITIRRDAPAGRKVGLIAARRTGRLRGTKTVQEKEN

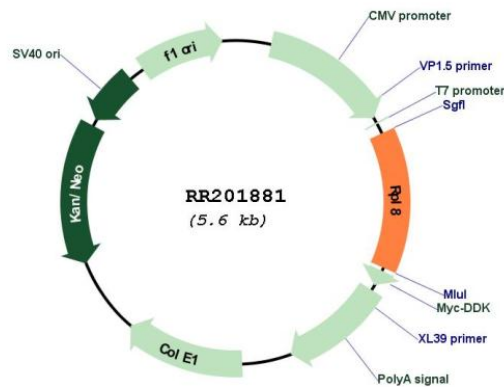
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001034916
 ORF Size: 771 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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_001034916.2 , NP_001030088.2
RefSeq Size:	845 bp
RefSeq ORF:	774 bp
Locus ID:	26962
UniProt ID:	P62919
Cytogenetics:	7q34
MW:	28 kDa
Gene Summary:	human homolog is a 60S ribosomal protein [RGD, Feb 2006]