

Product datasheet for **RR207713**

Rpl7 (NM_001100534) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpl7 (NM_001100534) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rpl7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207713 representing NM_001100534
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGGCTGTACCAGAGAAGAAAAAGAGTTGCCGCTGCGCCAGGAACCCCTTAAGAAGAAAAAGTTCC
CTGCGGTGCCAGAAACCCCTTAAGAAAAAGCGAAGGAATTTGCGAGAGTTGAAGGTCAAGCGCCTGAGGAA
GAAGTTTGCCCTGAAGACTGCGAAAGGCAAGGAGGAAGCTCATCTATGAGAAGGCAAAGCACTATCAC
AAGGAGTACAGACAGATGTACCGACTGAGATTCGCATGGCTAGGATGGCGAGGAAAGCTGGCAACTTCT
ATGTGCCCGCAGAACAAAATTGGCCTTTGTCATCAGAATCCGAGGTATCAATGGAGTGAGCCAAAGGT
GCGCAAGGTGCTGCAGCTGCTCCGCTCCGGCAGATCTTCAATGGCACCTTTGTGAAGCTCAACAAGGT
TCAGTGAACATGCTGAGGATCGTGGAGCCCTACATTGCATGGGGTACCCCAACCTGAAGTCAGTAAACG
AGCTCATCTACAAACGAGGCTATGGCAAATCAATAAAAAGCGCATTGCCTTGACAGATAACTCCTTGGT
TGCTCGATCTCTGGTAAATTTGGCATCATCTGCATGGAGGATCTAATTCATGAGATCTATACAGTTGGA
AAACGCTTTAAGGAAGCAAATAACTTCTGTGGCCCTTCAAAGTCTTCCCACGAGGTGAATGAAGA
AAAAGACAACCTACTTTGTAGAAGGTGGAGACGCTGGCAACAGGGAAGACCAGATAAACAGGCTTATTAG
ACGGATGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR207713 representing NM_001100534
 Red=Cloning site Green=Tags(s)

MEAVPEK K K K V A A A P G T L K K K K V P A P E T L K K K R R N F A E L K V K R L R K K F A L K T L R K A R R K L I Y E K A K H Y H
 K E Y R Q M Y R T E I R M A R M A R K A G N F Y V P A E P K L A F V I R I R G I N G V S P K V R K V L Q L L R L R Q I F N G T F V K L N K A
 S V N M L R I V E P Y I A W G Y P N L K S V N E L I Y K R G Y G K I N K K R I A L T D N S L V A R S L G K F G I C M E D L I H E I Y T V G
 K R F K E A N N F L W P F K L S S P R G M K K K T T H F V E G G D A G N R E D Q I N R L I R R M N

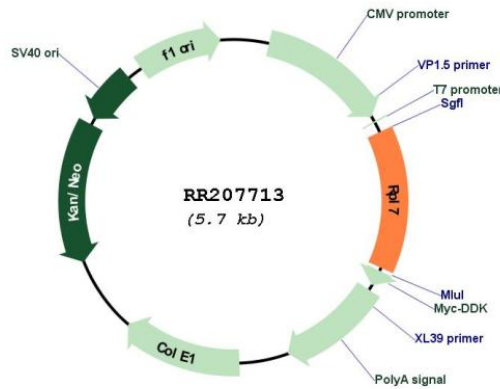
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100534

ORF Size: 780 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_001100534.1 , NP_001094004.1
RefSeq Size:	872 bp
RefSeq ORF:	783 bp
Locus ID:	297755
Cytogenetics:	5q11
MW:	30.3 kDa
Gene Summary:	component of the 60s subunit of the ribosome; important for protein synthesis [RGD, Feb 2006]