

Product datasheet for **RR200074**

Rpp14 (NM_001108372) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpp14 (NM_001108372) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rpp14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>NM_001108372 ORF sequence, RR200074 may differ due to SNPs. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCCAGCTACTGCTTATGAAAGGGTAGTTTATAAGAGCCCTTCGGAGTACCACTACATGAAAGTCTGC
 TTAGAGTTTCAGGAACATGGGGTTGGACTGAATGGAGCCAGTTCAAACAGCTACTTGTTTCAGCGCTG
 AAAGACCTGTTTGGGGAGGTTGGCGCTGCTTACCTGTGGATGTTCTCACTATGATGAGACCACACTG
 TCAGCCATCTTGAGAGTATGCAGCAGTGGTCTGGCCAAATTGTGGAGCTCTTGACCCTGTTTGGAGCC
 TATAAAGGCAAGAAATGTGCCTTCAGAGTGAGTCAGGTGTCTCCCTTTCTCCTCGCGTTATCTGGCAAT
 AGCAGGGAACAAGTATTGGAC
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC

Protein Sequence:	>Peptide sequence encoded by RR200074 Blue=ORF Red=Cloning site Green=Tag(s)
	MPATAYERVVYKSPSEYHYMKVCLFQEHGVGLNGAQFKQLLSALKDLFGFVGAAALPVDVLTVDYDETTL SAILRVCSGLAKLWSSLTLFGAYKGKKCAFRVSQVSPFLLALSGNSREQVLD TR TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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Cloning Scheme:



ACCN: NM_001108372

ORF Size: 366 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).

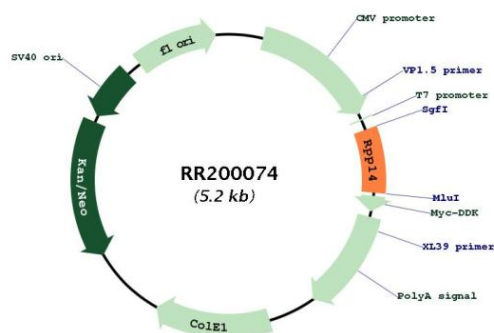
Reconstitution Method:

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_001108372.3](#)

RefSeq Size: 1870 bp
 RefSeq ORF: 369 bp
 Locus ID: 361020
 Cytogenetics: 15p14
 MW: 13.4 kDa

Product images:



Circular map for RR200074