

Product datasheet for RR206773

Rps17 (NM_017152) Rat Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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| Product Type: | Expression Plasmids |
|-----------------------------|--|
| Product Name: | Rps17 (NM_017152) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Rps17 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR206773 representing NM_017152 Red=Cloning site Blue=ORF Green=Tags(s) |
| | TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C |
| | ATGGGCCGCGTTCGCACCAAGACTGTGAAGAAGGCGGCCCGGGTCATCATCGAGAAGTACTACACGCGCC TGGGTAATGACTTTCACACCAACAAGCGCGTGTGCGAGGAGATCGCCATCATCCCCAGCAAAAACCTTCG GAACAAGATAGCCGGCTATGTCACGCATCTGATGAAGCGGATTCAGAGAGGTCCTGTGAGAGGGCATCTCC ATCAAGTTGCAGGAAGAAGAGAGGGGAGAGAGAGAGAATTATTGTTCCTGAGGTCTCAGCCCTAGATCAGG AGATCATTGAGGTAGATCCTGACACCAAGGAAATGCTGAAGCTTCTGGACTTTGGCAGTCTCTCCAACCT CCAGGTCACTCAGCCTACGGTTGGGATGAATTTCAAAACACCCACGTGGAGCTGTT |
| | ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA |
| Protein Sequence: | >RR206773 representing NM_017152 <mark>Red</mark> =Cloning site Green=Tags(s) |
| | MGRVRTKTVKKAARVIIEKYYTRLGNDFHTNKRVCEEIAIIPSKNLRNKIAGYVTHLMKRIQRGPVRGIS IKLQEEERERRDNYVPEVSALDQEIIEVDPDTKEMLKLLDFGSLSNLQVTQPTVGMNFKTPRGAV |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Restriction Sites: | Sgfl-Mlul |



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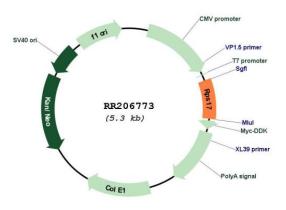


Cloning Scheme:



* The last codon before the Stop codon of the ORF

Plasmid Map:



| ACCN: | |
|-----------------|--|
| ORF Size: | |
| OTI Disclaimer: | |

NM_017152

405 bp

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. <u>More info</u>

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| ORIGENE Rps17 (NM_017152) Rat Tagged ORF Clone – RR206773 | |
|--|--|
| 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: | Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 017152.3, NP 058848.2</u> |
| RefSeq Size: | 493 bp |
| RefSeq ORF: | 408 bp |
| Locus ID: | 29286 |
| UniProt ID: | <u>P04644</u> |
| Cytogenetics: | 1q31 |
| MW: | 15.5 kDa |
| Gene Summary: | a component of the ribosome [RGD, Feb 2006] |

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