

Product datasheet for MR216312

Rps24 (NM_207634) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rps24 (NM_207634) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rps24
Synonyms: MGC107549
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216312 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATGACACAGTAACCATCCGGACCAGGAAGTTCATGACCAACCGTCTGCTTCAGAGGAAACAGATGG
 TCATTGATGTCCTTCATCCTGGGAAGGCAACAGTACCAAAGACAGAAATTCGGGAAAAGCTGGCCAAAAT
 GTACAAAACCACACCAGATGTCACTTTGTATTTGGATTGAGAACCCTTCGGTGGTGGCAAGACCACT
 GGCTTTGGCATGATCTATGATTCTTTAGATTATGCAAAGAAGAATGAGCCTAAACACAGACTGGCAAGAC
 ATGGCCTTTATGAGAAGAAAAGACCTCCCGAAAACAGCGAAAGGAACGCAAGAACAAGATGAAGAAGGT
 CAGGGGCACGGCAAGGCCAATGTTGGTCTGGCAAAAAGCCAAAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216312 protein sequence
 Red=Cloning site Green=Tags(s)

MNDVTVIRTRKFMNRLLRKQMVIVLHPGKATVPKTEIREKLAKMYKTPDVIFVFGFRTHFGGKKT
 FFGMIYDSLDAKKNPKHRLARHGLYEKKTSRQQRKERKNRMKKVVRTAKANVAGGKPKPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_207634

ORF Size: 402 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_207634.2](#)

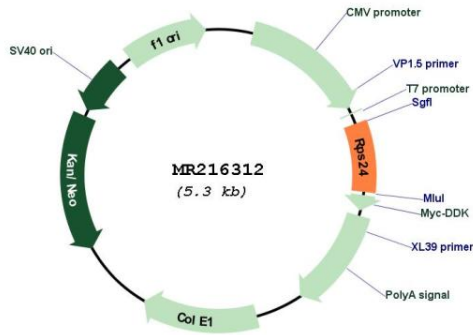
RefSeq Size: 837 bp

RefSeq ORF: 402 bp

Locus ID: 20088

UniProt ID: [P62849](#)
 Cytogenetics: 14 A3
 MW: 15.4 kDa
 Gene Summary: Required for processing of pre-rRNA and maturation of 40S ribosomal subunits. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216312