

Product datasheet for MC209966

Rpp30 (NM_019428) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpp30 (NM_019428) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rpp30
Synonyms: Rnasep2; TSG15
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209966 representing NM_019428
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGGCGTTTCGCAGATTTGGATTTAAGAGCGGGCTCAGACCTGAAGGCTCTGCGCGGACTCGTGGAGA
CTGCTGCTCACCTGGGATACTCAGTTGTTGCCATCAATCACATTGTTGACTTTAAGGAAAAGAAACGGGA
AATTGAAAAGCCAATAGCAGTTTCTGAACCTTTCACAACCTTACCCATCGTACAGGGAATCAAGACCA
ATTAATAATTTAACTAGATTGACAATTATAGTTACAGATCCAGCTCACTGTAATGTTTGGAGAGCAACT
CGTCAAGGGTCCGGCTGTATGATATTGTTGCAGTCTTTCCAAAGACAGAAAAGCTTTCCATGTTGCTTG
TACACATTTAGATGTGGATTTAGTCTGTATAACTGTAACAGAGAAATTACCATTTTACTTCAAAAGACCC
CCTGTTAATGTGGCAATTGAGCGAGGCTGGGCTTTGAACCTGTCTATGGTCCTGCTATCAGAGATGCAA
CGATGAGAAGGTACACAATCTCCAATGCCCTCAATTTGATGCAGATCTGCAAAGGAAAGAATGTAATTCT
GTCCAGTGCTGCAGAAAGGCTTTGAAATAAGAGGACCATATGACGTGGCAAACCTAGGACTGCTGTTT
GGGCTTTCTGAAAATGATGGCAAGGCTGCCGTGTCCACAAATTGCAGAGCTGTATTTCTCCATGGAGAAA
CTAGAAAAGCTGCTTTTGAATTATTTCTACAGTGAAGAAACACGGCCATCAGAAGCAGATGATGAATC
TCTTCCAGTGTGCAAGAAAGCTAAATGTGAGGGCTGA

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019428
Insert Size: 807 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_019428.3</u> , <u>NP_062301.3</u>
RefSeq Size:	1172 bp
RefSeq ORF:	807 bp
Locus ID:	54364
UniProt ID:	<u>O88796</u>
Cytogenetics:	19 C2
Gene Summary:	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends. Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences.[UniProtKB/Swiss-Prot Function]