

Product datasheet for **MC207613**

Rplp2 (NM_026020) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rplp2 (NM_026020) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rplp2
Synonyms: 2700049I22Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207613 representing NM_026020
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGCTACGTCGCCTTTACCTGCTGGCCGCCCTCGGGGGCAACTCCTCTCCTAGCGCCAAGACATCA
AGAAAATACTAGACAGCGTGGGCATCGAAGCGGACGATGATCGGCTCAACAAGGCATCAGTGAGCTGAA
TGGAAAGAACATTGAGGATGTCATCGCTCAGGGTGTGGCAAGCTGGCCAGTGTGCTGCTGGTGGGGCT
GTGGCTGTTTCTGCTGCCCTGGCTCTGCAGCACCTGCTGCTGGTTCTGCCCCCGCTGCAGCAGAGGAGA
AGAAAGATGAGAAGAAGGAGGAGTCCGAGGAGTCCGATGACGACATGGGATTTGGCTTGTGGTTGATTAA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026020
Insert Size: 348 bp
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:

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_026020.6](#), [NP_080296.3](#)

RefSeq Size: 441 bp

RefSeq ORF: 348 bp

Locus ID: 67186

UniProt ID: [P99027](#)

Cytogenetics: 7 F5

Gene Summary: Plays an important role in the elongation step of protein synthesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.