

Product datasheet for **MC202070**

Rps24 (NM_207635) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps24 (NM_207635) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rps24
Synonyms:	MGC107549
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC058817 sequence for NM_207635 AAGAGGTAATCCCCAGCTCCGGCGCCGTAGCCATCATGAATGACACAGTAACCATCCGGACCAGGAAGTT CATGACCAACCGTCTGCTTCAGAGGAAACAGATGGTCATTGATGTCCTTCATCCTGGGAAGGCAACAGTA CCGAAGACAGAAATTCGGGAAAAGCTGGCCAAAATGTACAAAACCACACCAGATGTCATCTTTGTATTTG GATTCAGAACCCACTTCGGTGGTGGCAAGACCACTGGCTTTGGCATGATCTATGATTCTTTAGATTATGC AAAGAAGAATGAGCCTAAACACAGACTGGCAAGACATGGCCTTTATGAGAAGAAAAGACCTCCCGAAAA CAGCGAAAGGAACGCAAGAACAGAATGAAGAAGGTCAGGGGCACGGCGAAGGCCAATGTTGGTGTCTGGCA AAAAGAAATGAAATACCTAGCAGTGAGTGGAGATTGGATACAGCCAAAGGAGTAGATCTGCGGTGACTTG ATGTTTTGCTGTGATGTGCAGATTTCTGAGAGGACAAATAAACTAAAAAGCTCCTACAAAAAAAAAAAAA AAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_207635
Insert Size:	396 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).


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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: BC058817, AAH58817

RefSeq Size: 564 bp

RefSeq ORF: 396 bp

Locus ID: 20088

UniProt ID: P62849

Cytogenetics: 14 A3

Gene Summary: Required for processing of pre-rRNA and maturation of 40S ribosomal subunits.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) contains two adjacent segments in the coding region, which result in the use of an early stop codon, compared to variant 2. The resulting protein (isoform 3) is shorter when compared to isoform 2.