

Product datasheet for **MC218977**

4921504E06Rik (NM_027600) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4921504E06Rik (NM_027600) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4921504E06Rik
Synonyms:	4921522E24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218977 representing NM_027600
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCGGAGGCTGAGACTGAGACTGAAGAATGGACGAAGACACGTGGATGCAGGAAGATTCTCCAGACCC
 TCGAGGGGGCTATTGAGCAATTCAAATTCATTCCAGGCTTGCTATTTTCAGATGATTTAAAGTTGGCTT
 CTTTACTTCAGACCATGCTACTCAGACAGACTGCAGTGAAGTTTTTTCATTGAAAGATTTGACTCAATCC
 ACGGAAAAGTTAATGCGTATTATTACATCACTTCACGTGGATTTTGGATTCTCAAAGATTTGGTTCAAC
 TGAAATTCGAGGAACGACTTAAAGAGGAGTCTTGAAAAATTTGGTATGCTCTGTGACAAAATGTTAGA
 GATGAAGAGGCATTACCAGCAGGAGAAGATATCATGAGAAAAAGCTTCAACAGCAGCTATGTGATGCC
 ATAGCTATTATCAAAGGAATGTACCAGAAATCTTCGAAATAGAAGATGAAAAAGCTGCCCTGCAAGATG
 CAGATGATGTCAAATTGAATGTTTTGAGGAGAAAACTGAAAGAGAAAGAAGAAATTATTAAGAATTTAAA
 GAATGAATTAGAACTATATGAAGAGTTTGGATTTAAAAAGTTGACTCTTTTGCCAAGGAGTCCAGCTCT
 CCAAAACCAATCTCAGAAAAGGAACTTCTAGACTGCAGGGCAGAGAATGAAAGGTTAATACAAATTATCG
 CAGAGCTTGAGGAAGAATCACGGACGGCCATAAATGAAAACGCAATGCTAGAGGATGAAGTTATGTATCT
 GAAAGAGATTTTCAGACCAGGATCAGCGAACTATTCAAAAGTTAATGGATAGTAGAGAGAGACTAAGATAT
 GAGCTGGATTGTGAAAACTAGCCATTCAAGACATGATCAGCAGACAGAAAGACGACATTGAAATTTAAA
 GAAAGTTTGCCAGTATAAGCACCTATCATGGAGGCAAGAGAGGAACAATGAGCAAGGGAAGAGAAGTTTC
 TATCTATGCAACACATCAAACCAGAGAGGGGACACACTTCTGCGGCCTCCTTTAGCGTCCTTCAGTGTA
 TCTCCAAAGATGAAAAGGAAGTTCTCATCGAAGAAATATATTAATACTGCAGCTGCTCCTGCTACTACTG
 CCACTGAGACAACAGTCACTGTTCTGCCACTGCTGAAATTTTTACACATCTCCTTGAAAAGCCTTCAGA
 GAAGCATGTTACATTTCTACTACCTAGCATGGTGCCTGAAGAATTTTCTGAAATATCAGTTGGTTAAG
 GAAGAAGAAAAAAGTTTTGGAGAATCAAGTGGAGATTTTAAAAATGCATTGGAGGATGAGGGAAGA
 GATTGGAAGGTTTAAAAAGATGCTGATCAGGCCAACAAAACTGGGAGAAGAAATTTCTATCTCA
 GAACAGCTTTCATGTCCTAAAGAATGAGATGTTCACTAGACAAACACTTTACCGCAGTATGCAATGACT
 GGTGACACCTCCTCAATTATATTAAGTTAAGCCCTTGATGTGCACTCCACTGTGAACATGGCAGAGC
 CATCCTCTCCTCAAATGTTCTCATCCACCCATGGTGGACCCAGCAATGAGAACACACGCAGTGATCA
 GGTGTTTCCAGGAGTCACTCGGATTCTAGAGACAACACGGACTCTGGAACAGAGAGGACCATTTTCGG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_027600

Insert Size: 1683 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.

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

RefSeq: NM_027600.4, NP_081876.2

RefSeq Size: 2004 bp

RefSeq ORF: 1683 bp

Locus ID: 70909

Cytogenetics: 2