

Product datasheet for **MC216006**

4921539E11Rik (NM_027612) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4921539E11Rik (NM_027612) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4921539E11Rik
Synonyms:	RP23-47A6.2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216006 representing NM_027612
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACAGAAAAATCCTGAAAAAGTTTGATGCCCTGGAGGAGAAAGAAAGGATACCTGAAGCCATCAGGG
AAAATAACTGACCGTACCACCGACAAAGAAAAAGCCTTTGATTACACCCCTGCTATTTGACCTTCA
TGTGCAATTTGGAGACACAATTACCCCATCTGCATCTAAGATCATAAAAATAAACCCACATGATCTTAAG
AACCCAAAAAGGTCTGTGTCTTTCAAATAAAGCCTAACAACTCCAGAAGTGATCTTGAAGAGTCAGATC
TAAGACCACCTATTCTTGGAAACAATGATAAACTATGAAGAAAGTAAATTAATGGACCACAAAGAAGAAAA
TCTAAATCAAGACCTATATCTCTCGTTATCTTAAGGATAAAGATGAGACAGAATACGCCAATCCCCTG
CCTTTTCCACAGCTTTGGTCTAACACCTGTGTAAAAATCAGCGGAGTCTTCAGTCCCGACTCCCAAAC
TCACCAATGAATCCAATGCTAGTAAGAAGGAAAACGTCTCTCCTCATTACAGATCAACATGAAAGCAG
AACTAAGAAGTCCATGCATTCTACAGACCACTCAGCAGATTCTAGTACAAGCAGGGGAAATGCCCTCCA
AAGGGTATTACAAAAGAAAGTGAGTTAACCCAGAAATGATGAAGCCAGAAAGCCCATCCAGTCAAACAGA
GCATCATGCTTCCCCTGGACTGTGAGGACCTACTGAAAAATCCAAAAATAAGACAAATTGACCTTCGTCC
AGCAGTGACAGTACATACTTCCATGAAACAATCCCACGCAAAATCCAATAATTTCTATGACACTGAATAT
GTACAAATGCTGTTCTGACCAAAAGGTTTACCCCTACGCTATGAAATGTACAGAAAGGAATATTGAT
TAGAAAAAATATGAAGTACTCAAAGTTTTGTTAGTGATGAACCAAGTGCTGTTTCTGAACCTATCCA
GCAAAAACATTTGCAAGTCTTCTCTGCTGAATATGCCAAAAGAGTATAAATGAGAAACGAAAGAAGAAA
CATGACCGTCTGGTTTCAAAGAAAAATCTCCGAACACTCGTTATAATTTATCCCAAACATTTCCAGCT
TAAGCAAAAAATTTGTTGGTTACTTTGATAAAGATGTTACTCAAGGAAAGAGTTATAAGGCAAACAGATT
TGAAAGGTTTTCCAAAACAAAGCCACCACCCACGCAAACTTACTACCTTACCTATCAAGTATGACTCC
AAGCCTCTGAAAAATATATTTGAAATACATAAACTAAACAACATGACCCATTGGATAACCTGCTAGGCT
TGAGAGCATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027612

Insert Size: 1341 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_027612.1, NP_081888.1](#)
RefSeq Size: 2448 bp
RefSeq ORF: 1341 bp
Locus ID: 70941
UniProt ID: [Q9D5Q8](#)
Cytogenetics: 4 C6