

Product datasheet for **MC217318**

4933412E24Rik (NM_027668) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4933412E24Rik (NM_027668) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4933412E24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217318 representing NM_027668
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCTTCTGAGGAGCAGTCTGTTCCAGGCGATGATTTTTATGAGGAGAGTGGAGACCTCAACACGG
 GCTTGAGCCTTGCTTAAGGCCTGCCAAGAGCAACGAGGGTGAAAGCAGCCTCTCAAGTCCCAAAGGCAG
 CAAGCTCACGTTGGTGTCCAGCTGGAAGCGTCAGAGAACCATCCGTGGTGCTTTGGGCGGAGAATAC
 TGTCCAGATTCCTGGTCCCGAGGAAGAGAGGGTAGGTTCCCAATGGATGAAAAGGTAGTTGGTTGG
 ACTTCTCTCCCAACCCAGTGTAGAGACTACAGCCACTGGTCAGCAGGTGACCAATCTAGAGACAAAGG
 AGCCAGAGAACACCCATCCCGAGAGCGTTTGTGCTGAGACAGAGGCAGGCTCCATCAGGAGAGCTCCG
 CAAGCTCCGAGGAGGCAAAGTTTGCAGCCTCTGCTGGCACTTTCTTCCCAAGGGACTGGAGCAAAGCA
 GATCTTGGGTACCCCGAGGAAGAGTACCACTAGTAGAATGGTGTATCGGCGAGAATGTCCACCACCCAC
 TTCGAACCTGAACCATTAGACGAATTAATGAAGTACAGATGATGAGAGTGACCATTTGCCTTAAAGAT
 GGGAACCATGGGAACCAGGCTAAGAACAGTGGCCAGCAGAACTGGAGACCTAGCTAGACACTCAATG
 TCCAGACCAGGGACAGTTTCATGCGGATGCCCTCCTCCCTGCTGGTCTCTACTACCCGGGACTTACCTC
 TGGCGTGGAAAGACAGGCCTCGAAAGAGCCGGAACCCCTTTTCTCTAAGAAAAAGCAAGGCACCTTATGG
 GGTAAAGGAGGAAGCAAGTCCAGCTACCCAGAGGCTGCTGCTGGCATAGGTGCCCTGCCAAGGCCAGTC
 CTAGAAAGAAGATGGCCAGAGAAAAAACCCCTGTGGGATGCCTCAGCAGTTACCCTGGGGAGAGCTTT
 CCATCAATGGGGCCAGAGACTGAAGTCAGCTCCTGCAGAACAGCCACCTTCCCCCAATCTCTGGTGT
 GGCCTGCCTGGGAGTCCAATAAATGTTCACTGCTGCCTTAAAGACCCAAACAGTGAAGAACTTATACA
 CTGGGAAGAGATCTGGGCAAAGAAGACAAAGGAGTTGCAGTTGGTAGCAAAAAGAAGACACTGACTCAAC
 CAGAGACCCAGCTCACAGGTTTCAAGTTTCAACACACAGGGCAGAGCCGCTTCCAGAGTGTGCATCAA
 GAATTC AACAGCGGGATATAAACGCCCGAGCCTCCAGGATGCAGGAACTCTCAGTCCTCAGCCCTGA
 ACCAGAGAGGCATCATGTCCAAGAAATCTGTACTCTCTGGTGACCAGGAAGAACCTGTGGGTCTCCAGC
 CCCCATTAGAGATACTACAACCTGGAACACAAGGCTGTCCCGTTGTCCAGAGTTACAGAAGGAA
 ATAGAGGACCTCAGGAAACAATTGTCAGCCCTGCAGGCTGTGAGTGTGAGAGTTCCAGACCCATTTAAGTT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027668

Insert Size: 1542 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_027668.1](#), [NP_081944.1](#)

RefSeq Size: 1753 bp

RefSeq ORF: 1542 bp

Locus ID: 71088

UniProt ID: [Q9D454](#)

Cytogenetics: 15 D1