

Product datasheet for **MC223386**

4931406P16Rik (NM_172741) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4931406P16Rik (NM_172741) Mouse Untagged Clone
Tag: Tag Free
Symbol: 4931406P16Rik
Synonyms: AA553327; mKIAA0355
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223386 representing NM_172741
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTATTGCTGCAGTGCCAGGACAATAAGATGGACTACAAGCGGCGCTCCTGCTTGGCGGGTCCAAGC
 AGAAGGTGCAGCAGCACCAGCAGTACCCGATGCCTGAGCTGGGCCGAGCACTGAGCGCTCCCTGGCATC
 CACCGCCCCCTCTGCCCGCTGGCAGTCTGACCCTGCAGGCAGCTGCCACCATGCCATGCCCCACTCT
 ACTCCCATTGCTGACATCCAGCAGGGCATCTCTAAGTACCTGGATGCCCTCAATGTCTTTTGCCGTGCTA
 GTACGTTCTCACAGATCTCTTCAGCACCGTGTTCAGGAACCTCACACTACTCAAAGGCCGCCATGCAGCT
 CAAAGATGTGCAGGAACATGTAATGGAAGCAGCCAGCAGATTGACCTCAGCCATAAAGCCGAGATTGCC
 AAGATGCTCATGGAACCTCAGTGTGGGGCTGCAAACCTTCACAGATCAGAAGGAATTCAGTCTCCAGGACA
 TTGAGGTGTTGGGGCGATGTTTCTTGACAGTGGTGCAAGTCCATTTCCAGTTTTTGACCCACGCCTTGCA
 GAAAGTCCAGCCGGTGGCTCACTCTTGCTTTGCTGAGGTAGTTGTGCCAGAAAAAAGAACAGCAGTCTG
 TCTGGCATGGGCCACACACCTGAACTGGAGGAAGCTGTGCGATCCTGGCGAGGGGCGAGCTGAGGCGACAT
 CTAGATTGAGAGAGAGAGGCTGTGATGGATGCCCTGGCAGGAATCGAAGTCCAACAACCTCTTTTGTCTCA
 AAGTGCAGCAATTCCTGAGCACCAGCTAAAAGAGCTAAACATAAAAAATCGACAGTCTTTGCAGGCTTAT
 AAAATAGCTTTGGAAAGCTTAGGCCACTGTGAATATGCAATGAAAGCTGGCTTCCATCTAAACCCAAAGG
 CCATTGAAGCAAGTTTGCAGGGCTGCTGCAGTGAAGCGGAAGCTCAGCAGACAGGGCGAAGGCAGACACC
 CCCACAGCCCATGCAGTGTGAGCTCCCCACGGTTCCTGTGCAGATAGGATCGCACTTCTGAAGGGGTC
 TCCTTTAATGAGTCGGCTGCCGACAATCTGAAGCTTAAGACGCATACCATGTTACAGCTCATCAAGGAAG
 CAGGCTGTACAATGGAATCACACCTAGGGATGATCTTCTGTGACTGAAGTCTGAATCAGGTGTGCC
 GTCCATGTGGCGGGTGCCTGTAAGACTGCTGTGCAGCTGCTGTTCCGCCAGGCAGGGCTGGTGGTTGTT
 GACACAGCACAGATTGAAAAATAAGAAGCCTATGCACCCAGATCAGTCTTGAAGTTCCAGAATTGTGG
 TTCAAGTCCCATCCACATGGTGCTTAAAGGAAGATCCTGTACCATGTCCCTGCTGCAGAGGAGCCTGGA
 TCCCGAGAAGACCCTAGTCTGGTGGATGTGCTTTACACAGCCGTGCTAGACCTAAACCGCTGGAGAACA
 GGGAGGGAACAAGCTTTACCCTGTATACAGATCCAGCTGCAAAGGGATATCTGCGATTTTGGGAATCAGG



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CTGACCTGCCTTCTGAAATGGAAGCAAATCCTCGGGACTGCAGAAGACTTTCTCCAAACTGACATCCC
 GTTCACAAAGAAAGTGTGCATGCACCAACTCTGGCAGCACACACTATTCCAAAAACATCTTACAGCTGGG
 TGTTACAGAGAAAGGGCCAAAATGATGGGCAATAATATTGATACACGGTTACAGAGCATTGTTGAACATTG
 GTAACCTCCCTAGGACTACAGACCCTTACAGTCGTCTCAGAATCCAGTAATCCAATGGTCAATGGCTT
 TCTCCTGGAGAGACGTGAGAACTCCTGCATGGGGATGATGGCAAGGATGAGAAGGGCATGAACTTACCC
 ACTGATCAGGAAATGCAGGAAGTATAGATTTTCTCTCAGGCTTAACATGGGCCAGTCCCATCAGGGGT
 CCCACTGGTGACAAGGGCTAACTCTACTGCCACTGCCATGGTGACTGAACAGAAGACAGGAACCATGCA
 ACCACAGCAGCCATCACTGCCATTGGCTCCTCCACTACGGCCACCCAGGCTGGAGCACACACGCCCTCTG
 GCAGCCCAGCAAGGTCTGGCTCCTCAGCAGCAGTCTCCAAAGCAGCAGCAGCCCCAAGTCCAGTACTACC
 AGCACCTGCTGCAACCCATTGGATCACAGCAGACTCCACCTCAGCCTCGGGCGCTGCGAAATGGGTACA
 TGGCTCATCTCAGCACCCATCACAGCCATGGCAGCGGGTCTGTCTCTTGGTCAGTGGCCTGGCATA
 TCTGATCTCAGCTCTGACTTGTACAGCTTGGGTCTAGTGAGCAGCTATATGGACAATATGATGTCAGAAG
 TTTTGGGACAGAAGCCCCAGGGACCTAGAAATAACACCTGGCCAAACCGTGACCAAAGTATGGAGTCTT
 TGGAAATGCTGGGAGAGATTTTGCCTTTTGTCTCCTGCAGTGGGCTCAGACCAGAATTCGCACGCTATGTG
 GCAGGAGTGAGCCAGGCAATGCAGCAGAAGCGGCAAGCTCAACATGGCCCGCGGCCAGGCAACCCCGTG
 GCAACTGGCCGCCATGGAAGACGCTCATCGGACTGGCCTTTGCCAGAGTTCTTACAGAGGGGACAG
 CTTGCACAGCGGCTGGTCAAGGACTCAGGGAGACTCGGCCAGTCCAGTATGAGACCTCTTCAGCCAAT
 GGGGACAGTCTGTTCTCCATGTTTTAGGGCTGACCTTGTGTGCTGTTAAACAGAGAAGGAAACACA
 GCAGTGGAGAGCAGGAGACCAGCACACTGCCCTCACCCTCTCCTGACCACAGTGGAGGACGTGAACCA
 GGATAACAAAACCAAAACGTGGCCACCCAAAGCACCATGGCAGCACCTTCCCGATGCCAGCACGCTG
 CCCAGCCCAGCTGCACCACTCTATGCAGTCGCCAGTCTGGCAGCCAGTGAACGACACCCGTGCAGATGC
 TGCAGTCCCCTGTGTGGGCTGCAGCCAATGACTGCAATACCACCTCCTTACCTATGTTCCAGACACCACC
 ACAGCCCCACCTCCACCAGCACATAAGGCAGCACCCAAAGGGCTTCAAGGCCCTTCCCTGGGAAGGCTGAA
 CGTAGGCCAGCCTATTTGCCCCAGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_172741

Insert Size:

3180 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_172741.2, NP_766329.1

RefSeq Size:

5808 bp

RefSeq ORF: 3180 bp
Locus ID: 233103
Cytogenetics: 7 B1