

Product datasheet for **MC226982**

4931406C07Rik (NM_001199484) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4931406C07Rik (NM_001199484) Mouse Untagged Clone
Tag: Tag Free
Symbol: 4931406C07Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226982 representing NM_001199484
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCTTGCAGTGAAGTTTCTTTCCATGCAAGTCTGGAGGAGCTTGTGAAGTTTTGCAGAAGGGC
TAAGTACAAGTTTCTGATGTCCAGGTCTCAGTGGTTGACTGCCAGATTTAACAAAGGAGCCATTTAC
CTTTCTGTAAGAGGCATCTGTGGCAAAGTGAATTGCAGAAGTAGGAGGTGTGCCTTACTTATTCCT
CTTGTAACAAAAAAGTTTATGACCTAAATGAAATTGCAAAAGTAATAAAGCTGCCCGAGCTTTTA
TCCTTGGAGCAGGGCAGGTCCATTTCCAGACGCTTGGGTTCAATTCTGAGTTCATGCCAATTGTTCAAAC
AGCAAGTGAACACAACCAACCTGTGAATGGAAGTTACTTTGCCATAAAAAACCCTGCAGATGGAGCGTGC
CTGCTGGAGAAAACAGCCAAAAATATCATGATTTGGATGTGCACTACTGGCTAATCTTTTTGCCAGTG
AGGGCCAACTGGCAAGGTCAATTGAAGTGAAGCAAGCAAGAGAAGAACAGGAGAAGTAACTTTGTGAGCTG
CATGAGACAGACTGGAGGAGCACTATGGTGACAAGCCTGTGGGATGGGAGGCACCTTCAATTGTGAG
AAGGGAAAGTGAAGCCACATCATGCCTGCAGATTTTCTTCTGCCACTGAACTCGGACGAAGCTG
TCAATAAATGGCTACACTTCTATGAGATGAAGGCTCCCTTGGTTTGTCTACCAGTTTTTTGTTCCAAAGA
CCCTGGACTTGATTTGCGACTGGAGCACACATTTCTTCAAGTATCATGGAGAAGGTGGACACTACCAC
TACGATACGACCCAGACACAGTGGAGTACCTTGATACTTCTACCTGCACAGTTCCTCTATCGCATTTG
ATCAGCCCAAAGAGACCCATGCCTTTGGGAGAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001199484
Insert Size: 948 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001199484.1</u> , <u>NP_001186413.1</u>
RefSeq Size:	2757 bp
RefSeq ORF:	948 bp
Locus ID:	70984
UniProt ID:	<u>Q91V76</u>
Cytogenetics:	9 A2
Gene Summary:	<p>Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>