

Product datasheet for **MC226983**

4931406C07Rik (NM_001199485) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4931406C07Rik (NM_001199485) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4931406C07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226983 representing NM_001199485 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTTGCACTGAGTTTTCTTTACATGCCAAGTCTGGAGGAGCTTGCTGAAGTTTTGCAGAAGGGG
TAAGTGAACATTTGCTGATGTCCAGGTCTCAGTGGTTGACTGCCAGATTTAACAAGGAGCCATTTAC
CTTTCTGTAAGAGGCATCTGTGGGCAAACTAGAATTGCAGAAGTAGGAGGTGTGCCTTACTTATTGCCT
CTTGTAACAAAAAAGTTTATGACCTAAATGAAATTGCAAAAGTAATAAAGCTGCCCGAGCTTTTA
TCCTTGGAGCAGGGGCGAGTCCATTTGACGCTTGGGTTCAATTCTGAGTTCATGCCAATTGTTCAAAC
AGCAAGTGAACACAACCAACCTGTGAATGGAAGTTACTTTGCCATAAAAAACCCTGCAGATGGAGCGTGC
CTGCTGGAGAAATACAGCCAAAAATATCATGATTTTGGATGTGCACTACTGGCTAATCTTTTGGCAGTG
AGGGCCAACTGGCAAGGTCAATTGAAGTGAAGCAAGCAAGAGAAGAACAGGAGAAGTAACTTTGTGAGCTG
CATGAGACAGACACTGGAGGAGCACTATGGTGACAAGCCTGTGGGGATGGGAGGCACCTTCATTGTGACAG
AAGGGGAAAGTGAAGCCACATCATGCCTGCAGATTTTCTTCTGCCACTGAACTCGGACGAAGCTG
TCAATAAATGGCTACACTTCTATGAGATGAAGGCTCCCTTGGTTTGTCTACCAAGTTTGTGTTTCAAAGA
CCCTGGACTTGATTTGCGACTGGAGCACACATTTCTCAGTCATCATGGAGAAGGTGGACACTACCAC
TACGATACGACCCAGACACAGTGGAGTACCTTGATACTTCTCACCTGCACAGTTCCTCTATCGCATTG
ATCAGCCCAAAGAGACCCATGCCTTTGGGAGAGATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001199485
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:	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:	<u>NM_001199485.1</u> , <u>NP_001186414.1</u>
RefSeq Size:	2653 bp
RefSeq ORF:	948 bp
Locus ID:	70984
UniProt ID:	<u>Q91V76</u>
Cytogenetics:	9 A2
Gene Summary:	Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has a different 5' UTR segment, compared to variant 1. Variants 1, 2, and 3 encode the same protein.