

Product datasheet for **MC227388**

Gm4064 (NM_001270518) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm4064 (NM_001270518) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm4064
Synonyms: 100042849
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227388 representing NM_001270518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAACTGATCAGCCTGGGAAAATTTTTATAGGAGGCCTCAACATAAAGACCAGACAAAAGACTC
 TTCAAGAAATATTTGGGAGATTTGGACCAGTAGCACGTGTTATTTTATGAGAGATCGTGAAACTAAGAA
 GTCTAGAGGCTTTGCTTTCTTACTTTCCGACGCCTTGCAGATGCTAAGAATGCTGTCAAAGAAATGAAT
 GGAGTGATTTTGGATGGAAAAAGAAATAAAGTAAAACAAGCCAGGAGACCATCATCACTTCAAAGTGGTA
 GCAAGAAGAGACCACCATCCTTTTCAAGAACCAGAGGTGCTTCAAGAATTCTGAAATGTGGAAGAGGAGG
 AAGAAGCAGAGCAAGAAGTGGTCCTTATGTGAAGGGAACCTGGGTGGTATAGATATACTCCTAATTTTC
 AATGTGAGTTCTTCTGGGAGACACTTTGCAGTTAAAAGAAATCCATCTTCAAAAAGGGATGATCCCCCTT
 CTAAAAGATCTGCAACTTCTGCTCAGACAAGAAGCAACTACTGGACTAAGAGGACGAGAACCACATCGAAG
 AGAGATTTCTAGAAATATGCCAAGAGGAGAGCCGGCGTCTTCCAGAAGAGATGAGTATCCATTACCAAGG
 GATTATGGCCAGTCTTCTAATGATAGGAAATATGAATCAACATCCAGAGGAAACTGTGACTATGGCAATT
 ACCACTCTCGGGAAGAAAGTGCATCTAAAGTCTTCAGTGATCATGCTGGCTATCTTGGAGACGTGATAG
 AGATTTCTCTGAATATTTAAGTGGAAATTCATACAGAGATACATACAGAAGTTATGGAAGATTCATGAG
 GCACCATCTGCAAGAGGTGGAAACAACCCTATGATGACTATAGTAACTACAAGATGGATATGGTGGAA
 GAGGAGAACCATACATAAGCAACCGAAGTAACATATACTCAAGTGACTATGAACGTAGTGGTAGACAAGA
 AGTGCTTCCACCACCTATTGATAGGGAATACTTTGACCGTGAGGGCAGACAGGAAAGAGGGCATTACCT
 AAGGATGGGCTGTATAGTGCATCTCGTGAATCATAACAGTATGTAATACCAAGATTTGGGGATCCCATGGA
 GGTCGTGGAGAAAGCAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001270518
Insert Size:	1143 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).
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_001270518.1</u> , <u>NP_001257447.1</u>
RefSeq Size:	1580 bp
RefSeq ORF:	1143 bp
Locus ID:	100042849
Cytogenetics:	Y