

Product datasheet for **MC228325**

Gm21379 (NM_001293057) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm21379 (NM_001293057) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm21379
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228325 representing NM_001293057
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATACTGCCAGCCTCGCTGTGGAAAAGGATAATGAAACAGAGCAATTCGGGAAGGGTTCAAATCG
 ATGCCACCAAGAACCAACAGGATGCCAGTAAGATGTTTCATCGGGGACTTTCGCAAGAAATGAGCAAGCA
 GGTACTTCTAGAATACTTGTCTAAGTTTGGTGAGATAATAGATTTTATTATAAAAAACAGACCCAAATACC
 GGTCTGTCTAGGGGATTTGGATTCTGTCTTTTCAAAGACAGTGCCACAGTAGAGAAGGTGCTTCAAGTGA
 AAGATCACAAAGTTGATGGCAAGAAAATAGAATTTAAAGGGCTAAAGCCCTTGAATCTCAATCCCCAA
 CAAAAAGATTTTGTGGGTGGGCTGAACCCACGGTTGTCTGAAGAAAAAATAAGAGCTTACTTTGGCACA
 TTTGGGCAGATAGAGGCTATAGAGCTTCCACTGTGTTGATACACGGGAAAGAAGAGCTTTCGGCTTTA
 TCAAATACATGGATGAAAACCTCGTTAGAAAGGCTTAGAAAACAGGTACCATTTTCATTGGCTCCAGCCG
 TTGCGAAGTTAAAATGGCATACCCTAAAGAAAATCCTGTAGACAGCTGAGTAAAAGAAAGGCTATAGCT
 AAGGATAGGACAAGAAAATCTGTTCCAGCTGTGGAGTTAGAAAACAACCTGGAGAGGAGGAGGAGCCCAA
 GCTTCCACATTATGGCTAACTCCGAAGCTCAAGAAGCCAACCAAGATGCCACAGAGCTGGCTCATATAC
 TTCCAGAGCAAATCAGATGTAACCTTGACAAATGCCTGTGGTTTCAGGGATTCCCCCAATGCTTTCCAT
 GTGAACCTCGAATGTTTTGTGACAAATCAACTACTTTTCATAGCAAGCAGTAATGCTTTGAGGTCAAGCA
 CAAATACTGTAGGGTAAGCCACTATACTCTGGATGCAAACCAAATACCTTCTTGGCAAGCCAGTATAC
 TCTTGGGACAATTTCAAACCTTAAGAACAAGCCAATACACTCTGGGAACATACCCAAATGCTTTAGGA
 GTAAGCCAGTATGCTTTGGCAGCGTACCCAAATCTTTGGGATAAACCAATATCCTTTGGAGGCAGATC
 AAAATGCTTTCTGGCAAACCAAGTATCCTTTGGGAACATACTCAGATGCTTTTGGGATCGGCAATATGC
 TTCTGGGACAAGTCCAAATGTTTTGGGTAAAGCCAGTATAGTTTGGGTACAAACGCAGATACCTTCAGA
 ACAAACTGCTTTGCTCTTGTGGCAAATCCATACAATATCTGGACAACCACTATGTTTTGGCAAACAATC
 CAAATGTTTTTCAGGACAAGCCAGTATGTTCTTGGAGAAAACCAAATGCCTTCGAGTCAAGTCAGTATTC
 TGTGGGAGCGACCCAAAATAATTTGGACCAAATCAACATAAATTCGGAGCAAATGGAACTTTTGTGGG
 ACAGTTGGAAGAGGAGGAAGTACTGGAGGACTTAATTTTTCTCAAGTATATGGCAATTTTCTGAATGCT
 GCAATACACTCCAGTTTCCAAGACTCTAATGGTGATTATTCGTCCTCTATAGTTATGGGGCTTATGA
 CGTAAGATATGCACCTAATTACAATGTTCAAATAAGCCAGTCACTCTCCTTGGTAATGATTACCAGCGA
 ATTTATCCGCGTTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001293057
- Insert Size:** 1698 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:

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_001293057.1](#), [NP_001279986.1](#)

RefSeq Size: 1958 bp

RefSeq ORF: 1698 bp

Locus ID: 100861987

Cytogenetics: Y