

Product datasheet for **MC227387**

Gm3376 (NM_001270512) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm3376 (NM_001270512) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm3376
Synonyms: 100041505; Rbmy1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227387 representing NM_001270512
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGAACTGATCAGCCTGGGAAAATTTTTATAGGAGGCCTCAACATAAAGACCAGACAAAAGACAC
TTCAAGAAATATTTGGGAGATTTGGACCAGTAGCACGTGTTATTTTATGAGAGATCGTGAAGAACTAAGAA
GTCTAGAGGCTTTGCTTTCTTACTTTCCGACGCCCTGCAGATGCTAAGAATGCTGTCAAAGAAATGAAT
GGAGTGATTTTGGATGGAAAAAGAAATAAAGTAAAACAAGCCAGGAGACCATCATCACTTGAAGTGGA
GCAAGAAGAGACCACCATCCTTTTCAAGAACCAGAGGTGCTTCAAGAATTCTGAAATGTGGAAGAGGAGG
AAGAAGCAGAGCAAGAAGTGGTCCTTATGTGAAGGAACTTGGGTGGTATAGATATACTCCTAATTTTC
AATGTGAGTTCTTCTGGGAGACACTTTGCAGTTAAAAGAAATCCATCTTCAAAAAGGGATGGTCCCCTT
CTAAAAGATCTGCAACTTCTGCTCAGACAAGAAGCAACTACTGGACTAAGAGGACGAGAACCACATCGAAG
AGAGATTTCTAGAAATATGCCAAGAGGAGAGCCGGCGTCTTCCAGAAGAGATGAGTATCCATTACCAAGG
GATTATGGCCAGTCTTCTAATGATAGGAAATATGAATCAACATCCAGAGGATACTGTGACTATGGCAATT
ACCACTCTCGGGAAGAAAGTGCATCTAAAGTCTTCAGTGATCATGCTGGCTATCTTGGAGACGTGATAG
AGATTTCTCTGAATATTTAAGTGGAAATTCATACAGAGATACATACAGAAGTTATGGAAGATTCATGAG
GCACCATCTGCAAGAGGTGGAAACAACCCTATGATGACTATAGTAACTACAAGATGGATATGGTGGAA
GAGGAGAACCATACATAAGCAACCGAAGTAAACATACTCAAGTGACTATGAACGTAGTGGTAGACAAGA
AGTGCTTCCACCACCTATTGATAGGGAATACTTTGACCGTGAGGGCAGACAGGAAAGAGGGCATTACCT
AAGGATGGGCTGTATAGTGCATCTCGTGAATCATAACAGTATGTAATACCAAGATTTGGGGATCCCATGGA
GGTCGTGGAGAAAGCAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001270512
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_001270512.1</u> , <u>NP_001257441.1</u>
RefSeq Size:	1580 bp
RefSeq ORF:	1143 bp
Locus ID:	100041505
UniProt ID:	<u>Q60990</u>
Cytogenetics:	Y
Gene Summary:	RNA-binding protein which may be involved in spermatogenesis. Required for sperm development, possibly by participating in pre-mRNA splicing in the testis.[UniProtKB/Swiss-Prot Function]