

Product datasheet for MC225734

Gm10100 (NM_001205033) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm10100 (NM_001205033) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm10100
Synonyms: ENSMUSG00000061452
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC225734 representing NM_001205033
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGTCACACCACTGCTCCTCAGGCTGCCAGCCATCCTGCTGTGTGTCCAGCCCCTGCCAGCCATCCT
 GCTGTGTGTCCAGCCCCTGCCAGCCATCCTGCTGTGTGTCTAGCCCCTGCCAGTCAGCATGCTGCAGGCC
 TGCTATATGCATTCTGTAGATACCAAGTAGCCTGCTGTGTGCCTGTGAGCTGCAGGCCCACTGTGTGC
 ATGGCCCCCTCTGCCAGTCCTCTGTGTGTGTGCCTGTGAGCTGCCGGCCAGTCTGTGTGACCTCCTCCT
 GCCAGTCATCTGGAGGCTGCCAGCCCTCTGCCCTACCCTGGTCTGCAGGCCTGTTACCTGCAGTAACCC
 CTCTGCTGCTGA

A**CGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001205033
Insert Size: 363 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).


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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_001205033.1</u> , <u>NP_001191962.1</u>
RefSeq Size:	363 bp
RefSeq ORF:	363 bp
Locus ID:	100502953
Cytogenetics:	10 39.72 cM