

Product datasheet for MC226670

Gm21312 (NM_001270642) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm21312 (NM_001270642) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm21312
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226670 representing NM_001270642 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTACCATGGCTGACAAAATGGACATGTCATTGGAAGACATCATTAAAGCTGACCAAGATCCAGCAAA
 GACGTCATGACAGGCCTGATTCCCGGGTGAATCGAGGCACTGGGTCTAAGAGGTATAGGCCAGCTTTCAC
 CCATGGTGAAGGAACAGGCTGGCACCATACTGCAGACCAAAACAACCTCCAGACAAGTGGCAGCATGAC
 CTGTTTCATTGGAGGCTTCAGGGGTCAAACACGTGGATACTGGTGGGAAGCTCTTCTTGTCAAATCTGC
 ACTTCGGAGTGTGAGTGTGATATTTCAGCTACTCTTTGCTGAATTTGGAACGTTGAAGAAATCTGCTGT
 GCACTATGATCGCTGTGGACGAAGTTTAGGGACAGCACAGGTGCACCTTTGAAAGGAAAGCAGATGCCCTG
 AAGGCTATGAGAGAGTACAATGGCGCCCTTTGGATGGCCGCCCTATGAACATCCAGCTTGCCACCTCAC
 AGATTGATAGACAAGGAAGACCTGCACAAAGCAAAAATAGGGGCGGCATGACAAGAAACCTGGCTCTGG
 AGTATTAAGTGGTGGAGGCACCAAGAAATGGACACTTGGAGGCAGCCAGGGAAGAGGGAGAGGCACCATC
 AGGAACTCAAACTGCAGCAACAGCAGCAGCAGCAGAGAAGCAGCAGCAGCAGCAGCAGAGAAGCAGC
 AGCAGAAGCAGCAGCAGAGAAGCAGCAGCAGCAGCTATCTGCAGAGGAGCTGGATGCCAGCTGGATGCTTA
 TCAGGAAATGATGGACACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001270642
Insert Size:	795 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_001270642.1, NP_001257571.1</u>
RefSeq Size:	1246 bp
RefSeq ORF:	795 bp
Locus ID:	100861901
Cytogenetics:	10