

Product datasheet for **MC226456**

Gm16445 (NM_001243032) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm16445 (NM_001243032) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm16445
Synonyms: EG667285
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226456 representing NM_001243032
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATCAACTCGTCGTTGATACTCTGAGATTTATCAATGAGAAGGACTGCATCTACAAGCTGAGCGGCC
TCCTTAGCAGCTTATTAGCTTTTCATGCTTGAAGTACTCATTGCAAGCATCTTATCCTGGCGCCTATGGGA
ATTTGACAGCAATGTTGTGCAATTTGTGTCCTTTGGCCTGTTGAAGCATATTACCCTCAGCAGTTAAC
ATCTCTGGAACACTAACCAAGATGCTGGTGTACACCCCTATTGATTCAACTTGAACATTTCAACTGAAT
TTATGTATGCACAGAACCTGATAGTATTGGCCATTTTGTGATGAAGCCTGTGGTTCTGGTTTTCTGTGTAAT
AGCCATTAATAATCAGCTGCACGAAGAACCCTAGTGGAGATGCAGATATATTGCTACAAGATCTCTGCC
TTAATTTTGTCTGTTAGCAGCATGTTCCGATTTGTTTCTGTGATCTGGAACCACATGGTAGATTTTTATG
GCCACCACTCTTGACTTTCCATCTGATTTTCTGTTAAGAAAGAAGCTTTAACAAGCAAAATTTAAC
TGTGGTGTACCAGTAGGCTCCTTATAGCCACCATGTCACTCTTGGTGTGATCATGTTTCTCTCTGAG
ATAAGCGATTTGAACTAAAGCGTCTGTGAAGCCAATGATGCTTCCAAAATGGGCCTTCTAGATGCGT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001243032
Insert Size: 702 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:	<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_001243032.1, NP_001229961.1</u>
RefSeq Size:	971 bp
RefSeq ORF:	702 bp
Locus ID:	635580
Cytogenetics:	X F3