

Product datasheet for MC225634

BC035044 (NM_001254947) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC035044 (NM_001254947) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC035044
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225634 representing NM_001254947 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCAGAAGGCATTGCTGTGACAAGCTGAAAGAACTCTTGTTGGGACTTCTCTGCTTCATGGACCCATT
 TTAAGTCATCTGGAAAGGTGACTACTCATGGCTGTGGCGGAGGAGTGGTGAGAGTGTCTGCAGCAGACAA
 CGGGGAAACAGGTCTCATAATGTGCGTATGCAATGAGGATCATTTAAATAAGGCGATGTGCTCAGACCCT
 GAGTTTCTTCTATCAGCAGAGTCACCATGAGTGAGTCTTTAATAGTTCTGAAACCCATTCCATGAAGC
 AGATCACGGACAAATTCAGCCTTTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001254947
Insert Size:	309 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.


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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_001254947.1, NP_001241876.1</u>
RefSeq Size:	580 bp
RefSeq ORF:	309 bp
Locus ID:	232406
Cytogenetics:	6 F3