

Product datasheet for **MC215557**

Gm3417 (NM_001123368) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm3417 (NM_001123368) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm3417
Synonyms: 100041586
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215557 representing NM_001123368
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGCGGGGAGGCCGAATGGCGAAGACGCCACCGCCAAACGCATCAATCCCCGGTGTCTAAGAGAG
AAAGGAAGCCTAGCATGTTGAGAAGGAGTCATATGCACAGATCTTAAGAGAAAGACTGAGAGAGTCTTT
TCATGATGTTTCAGTACGTGGAACCTCCGTTTGATGACTCAATTGCTGATGTAGGCAAAGAATGGAAAAGT
GCCCTGGCAAAATTAAGTTTGCTAATTCATACAGAATGGAGCCACTGAAGAAATTTCAAGCACATTTGG
TAGAAACTAAAATCCAGCAGATATTAAGGACAGTCTTAAAGATGTCAAATATGATGACAAAGCCCTCA
TTTGTCACCTGAATTGGCAGATGGAATATTGGCAGCAGTCAAAGAATTTGCATACCATCGTTATAAATTC
ATTATACAAGTATTATTTATTCAAAGACTGGTCAAGCAATAAATATTGCCAGCAGATGGATCTGGGATG
TGGCATGGGACAACCTGGGTAGAAGCTAAACATGAAACAGAGTCTTACGTGGTATTGGCCTTGGTGTTC
TCTCTATTGTGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001123368
Insert Size: 576 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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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_001123368.1</u> , <u>NP_001116840.1</u>
RefSeq Size:	787 bp
RefSeq ORF:	576 bp
Locus ID:	100041586
UniProt ID:	<u>P11985</u>
Cytogenetics:	17 A2
Gene Summary:	<p>This gene is one of three genes with a very high degree of similarity to each other within a 77 kb genomic span on Chromosome 17 A2. This gene is the most proximal copy of the three genes. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>