

## Product datasheet for **MC217093**

### Gm14430 (NM\_001100415) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm14430 (NM_001100415) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm14430
Synonyms:	OTTMUSG00000016607
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217093 representing NM\_001100415  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGATTTAGTCACCTATGATGACGTGCATGTGAACCTCACTCAGGATGAGTGGCTTTGCTGGATCCTT  
CTCAGAAGAGTCTCTACAAGGGTGTGATGCTAGAGACCTATAAGAATCTCACAGCTATAGGTTACATTTG  
GGAAGAACATACGATTGAAGACCATTTTCAAACCTCTAGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT  
GCAGAGCAACCCTCTGAGTTTATCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC  
AAATTAACATAATGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT  
CCTGCAAATACATAAGCGAACACATACAGGAGAGAAACCCTATGACTGTAACAATGTGGTAAAGCTTT  
GCAAGAAGCTGTCATCTCCAAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT  
GTGGTAAAGCTTTTAAAAGAAGGATTAACCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCTA  
TGATGTAACCAATGTGGAAAAGCCTTTGCAAGTAGTGGTGAACCCAAAACATAAACGAACACATACA  
GGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCACAAAGCAGTCATCTCCGAATACATA  
AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGAAAAGCCTTTGCAAGAAGTGGTGA  
CCTCCAAAACATAAACGAACACATACAGGAGAGAAACCCTATGAATGTAACAATGTGGTAAAGCCTTT  
GCATAGCAGTCATCTCCAAACATGAGCGAACACATACAGGAGACAAACCCTATGAATGTAACAGT  
GTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCTA  
TGAATGTAACAATGTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACA  
GGAGAGAAACCCTATAAATGTAAACAATGTGGTAAAGCCTTTGCAAGAAGCTGTCATCTCCGAATACATA  
AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTGCAGAAAGCAGTAC  
TCTCCAAATCCATAACCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCTTTT  
ATAACAAGGAGAGTCTCCAAATACATAAGCGAACACATACCGGAGAGAAACCCTATGAATGTAACCAAT  
GTGGAAAAGCTTTTGCAGAAGTTGTGACCTCCAAAACATAAACGAACTCATACAGGAGAGAAACCCTA  
TGAATGTAACCACTGTGGTAAAGCCTTTGCACAAAGCAGTTCTCTCCGAATCCATAAGCGAACATATACA  
GGAGAGAGACAATATGAATGTAAC TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001100415

**Insert Size:** 1497 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).

**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.

**RefSeq:** [NM\\_001100415.1](#), [NP\\_001093885.1](#)

**RefSeq Size:** 4538 bp

**RefSeq ORF:** 1497 bp

**Locus ID:** 627914

**Cytogenetics:** 2 H4