

## Product datasheet for **MC228043**

### Gm14325 (NM\_001024849) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm14325 (NM_001024849) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm14325
Synonyms:	OTTMUSG00000016325
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228043 representing NM\_001024849  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATTTAATCACCTATGATGACGTGCATGTGAACCTTTACTCAGGAAGAATGGCCTTTGCTGGATCCTT  
 CTCAGAAGAGTCTCTACAAGGTGTGATGCTAGAGACCTATAGGAATCTCACAGCTATAGGTTACATTTG  
 GGAAGAACATACAATTGAAGACCATCTTCAAACCTTCTAGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT  
 GCAGAGCAACCCTCTGAGTTTATTCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC  
 AAATTAACATACTGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT  
 CCTGCAAATACATAAGCGAACACATACAGGAGAGAAACCCCTATGACTGTAACAATGTGGTAAAGCCTTT  
 GCAAGAAGCTGTCATCTCCGAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT  
 GTGGTAAAGCTTTTAAAAGAAGGAGTGACCTCCAATACATAAGCGAACACATACAGGAGAGAAACCCCTA  
 TGAATGTAACAATGTGGAAAAGCCTTTGTAAGCAGTGGTGAACCCAAAACATAAACGAACACATACA  
 GGAGAGAAACCCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCACAAAGCAGTCATCTCCGAATACATA  
 AGCGAACACATACAGGAGAGAAACCCCTATGAATGTAACCAATGTGGAAAAGCCTTTGCAAGAAGTGGTGA  
 CCTCCAAAACATAAGCGAACACATACAGGAGAGAAACCCCTATGAATGTAACAATGTGGTAAAGCCTTT  
 GCACATAGCAGTCATCTCCACATACATGAGCGAAGACATACAGGAGACAAACCCCTATGAATGTAACAAT  
 GTGGTAAAGCCTTTGCAGTATTCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCCTA  
 TGAATGTAACAATGTGGTAAAGCCTTTACAGTAATCTATACTCTCCAAATGCATAAGCAAAACACATACA  
 GGAGAGAAACCCCTATGAATGTAAACAATGTGGTAAACCTTTTCACAAAGCAGACATCTCCGAATACATA  
 ACGGAACACATACAGGAGAGAAACCCCTATGAATGTAACCAATGTGGTAAAGCCTTTGCAAGAAGTGGTGA  
 CCAACAAGAACATAAGCGAACACATACAGGAGAGAAACCCCTATGAATGTAACCAATGTGGTAAAGCTTTT  
 ATAAGAAGGAGAGTCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCCTATGAATGTAACAAT  
 GTGGTAAAGCCTTCGCAAGCAGTAGTGACCTCCAAAACATAAACGGACACATTCGGAGAGAAACCCCTA  
 TGAATGTAACAATGTGGTAAAGCTTTTGCACAAAGCAGTCATCTCCGAATACATAAGCAAAACACATACA  
 GGAGAGAGACCCTATGAATGTAAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001024849
- 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).
- 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.

**RefSeq:** [NM\\_001024849.3](#), [NP\\_001020020.2](#)

**RefSeq Size:** 4394 bp

**RefSeq ORF:** 1497 bp

**Locus ID:** 329575

**Cytogenetics:** 2 H4