

## Product datasheet for **MC216742**

### Gal3st4 (NM\_001033416) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gal3st4 (NM_001033416) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gal3st4
Synonyms:	1500031A01Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216742 representing NM\_001033416  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCCTCTGTCTCCTGCCAGGACCATGAGGCTCTGGAGGCCCGGAGCCTGGGGTGGCTCTGGGAG  
 TCTTCATGACCATTGGATTTGGCCTCCAGTTCCTGGGGGATCATTCCAGAGGAGACTACCTGGACTGCA  
 GCTCCGACAGTCTGGGTCCCTCACTGGGATCAACTGTTAAGTCTTGCCTACCCCGACAGCGACTTGTG  
 TTCTTGAAGACACACAAATCTGGGAGCAGCTCTGTGCTCAATCTCCTTCATCGCTATGGGGACCAGCAGG  
 GGCTACGTTTTGCCCTGCCTGCCACTACCAGTTGGCTACCCAAAGCTTTCCAGGCTTCTAAGGTCAA  
 AGGCTACCATCCCAGAGTGGGATACTCAGAAGCCTTCCATATCCTCTGCCATCATAGATTCAAC  
 CTCAAAGAGTACTTCAGGTCATGCCTTCTGATAGCTTCTTTCCATTGTCCGAGATCCAGCAGCTC  
 TAGCCCGCTCGCTTCTCCTATTACAATCAGTTTCATCGGCTTCCGAAAGGCACCGTCTTTGGCCGC  
 CTTCTGTCCAATCCTCAAGCCTTCTACAGACCCGGAGCCGTTGGCAACCACTACGCCGTAACCTACTA  
 TGGTTTGACTTTGGTTTGCCTCTCCCCAGAGACAAAGACCATGAAAGTGAGTCCCAGCTACCCAGAG  
 ACCCCAAATCTCTCCAGCTACATATTGTACCTCCGGTGTAGCCCTGGAACCTCTTCCGCTCTGTTAC  
 CACAGTCTGATAGTTACAAGCAGCCAGCCAGCCTTGTCTCCTCAGATTTAGGCCCTCATCTTTATC  
 CAATGGGGTCTGGCCTGGTTGGACTCAGTCTTTGACCTGGTCAATGGTGGCCGAGTACTTTGATGAGTCA  
 TGGTCTCTGTTGGCAGATGCCCTGTGCTGGAGTCTGGACGATGTGGTGGGCTTCAATGCACAATGCCAGGC  
 TGGAAAAAGCAGAGTCTTATCAGAAGTCCAAATAAGACTGTGGTACTGGTGAAGATCAGCAGTAACC  
 AAACAGGCCCGAGCTTGAATAACTTGGATTGGCTCTTATATCACTCAACCGTAGTCTGTGGGCGC  
 GGATAGAACAGTATGGCAGGAGTGCAGTCAACGTGCTGTGGCTGAGCTCCGGGCTCGAAGAGAAGCTCT  
 GGCTAAACGTTGCTTGGTGGGAGGTGAGGCTTTAGACCCCAAATACATCGCTGATGCAAAGCTCCGCTCT  
 TTACAGTTTGGTTCAGCTAAGGTATTGGCTATGTACTTCAGAGTGGACTAAACAGAAAGACAAAGAGG  
 AATGTGAACGCTTGGCTACTCCAGAGCTACAGTATAAGGATAAACTTGTGCTAAGCAGTTTCTCCTAC  
 AGTCTCTCGCTCTCAAGACCTCAAGGCTACTGTCCCCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001033416

**Insert Size:** 1443 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\\_001033416.2](#), [NP\\_001028588.1](#)  
RefSeq Size: 3162 bp  
RefSeq ORF: 1443 bp  
Locus ID: 330217  
Cytogenetics: 5 G2