

## Product datasheet for **MC202366**

### Gmeb1 (NM\_020273) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gmeb1 (NM_020273) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gmeb1
Synonyms:	1110050A04Rik; AI256615; AI481278
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC046983 sequence for NM\_020273  
 CGCCGCCCGCCCGCCCGCCCGCCGACGGAGACGGGGCCACTCTTTGGGATGGAAGTAGTCTATGCTGTAACCT  
 GATCCACAGAAAAACAAGCCAGCAGCCCCAGCTAGCTGACTTCATGTGAAAGATGGCCAATGCAGAAGT  
 GAGCGTCCCAGTGGGAGATGTGGTTGTGGTACCCACTGAAGGAAATGAAGGGGAGAACCCGGAAGACT  
 AAAACTCAAGTGATCTTGCAGTTACAGCCTGTGCAACAAGGGATTTATGAAGCTGGTCCGAGAATAGCG  
 CAGCAGTTGTAGCCGTAGAGACCCACTCAATACACAAAAATCGAGGAAGGAATTGATGCAAGCAGTATAGA  
 AGGGAACGAGGACATGGAGATCGCTTACCCTATAACCTGTGGGAGAGTAAAGCTGTCCTCTGGAAG  
 AAGTTTCGTGTGCCAGGAATAAACGTGAAGTGTGTCAAGTTAATGACCAGCTGATCAGTCCCAAGCACT  
 TCGTTCACCTGGCTGGCAAGTCCACCCTGAAGGACTGGAAGAGAGCCATCCGTCTAGGCGGCATCATGCT  
 CAGGAAGATGATGGACTCTGGACAGATCGATTTTTACCAGCATGACAAAGTTTGTCCAATACCTGCAGG  
 AGCACCAATTTGACCTCTGATCAGCAGTGCAGGGGCTCCAGTGCCAGGACAGCAGACAAGTGTGGTGC  
 AGACCCACCTCGGCCGATGGGAACATCACACAGATCGCCATCTCAGAGGAGAGCATGGAAGAGGCAGG  
 GCTGGAGTGGAACTCAGCCCTACCGCCGCTGTCACCATGGCCACAGAGGAGGTATAAAGAAAGAGTCT  
 GAAGAGATTTAGAGGACTTTGATGTTCTGGAAGGGGATAGCTGATGTAGGGTTGATGGAGGAGTCCG  
 TCTGCAACATCCAGAAGGAGATGGAAGAGCTGCTCAGGGGCGTTCAGCAGCGGCTCATTAGGCCCTTT  
 CCAGGTACAGATGCTGCTGTTCTAAACAATGTGGCGAACACATTTGGCCTAATGGACCGGTCAAGAGA  
 GTTTTGGACAACAGACGGAAGCAAGTGGAGCAGGGCGAGGAGCAGTTTCTCTACACCCTGGCAGACTTGG  
 AACGGCAGTTGGAGGAGCAAAAAAGCAAGCCCAAGATCCAGACTGAAATCCCAGACAGTTCAAAATGT  
 GGTACTGATGCCCGTGAGCACCCCAAAGCCTCCAAAAAGACCCCGGCTCCAGCGGCCAGCCTCCACCACC  
 GTCCTGAGCCCTTCTCCTGTCCAGCAGCCTCAGTTTACTGTATCTCTCCCATCACCATTACTCCTGTGG  
 GCCAGTCTTCTCCATGGGCAACATCCCAGTGGCTACCCTCAGCCAGGGCTCCAGTCTGTGACTGTCCA  
 CACTGCCTTCTGGCCCTCAGCTCTTCGCTATGCCACGGTGGTTTCTCTGCCAAGAGCAACTCACCA  
 GACACAGTGACCATCCACCCTTCTCAAGTTTGGCACTGCTAAGCTCCACCTCTATGCAGGATGGGAGTT  
 CCCTGGGCAACATGGCCACCATGGTGGACCCATGGAGCTAGTGCCATGGAGTCCGGCCTGACGTGAGC  
 AATCCAGGCTGTTGAAAGCACCTCTGAGGATGGGCGAGCCATCATTGAAATCGACCCTGCCCCAGACTCC  
 GAGGCTGACGACTGAGGGCAAAGCAGTCATCTTGGAGACAGGGCTGAGGACTGAGGAGAAAGTGGTAG  
 CCGAAATGGAAGAACACCAGCATCAGGTCCACAATGTGGAGATTGTTGTTGGAGGACTGATTGGGGAC  
 AGGGCCAAGAGCTGTGTTTTGGTTTGAATTTAATTATGTTATTTTTATCATTGTCCCCTCATTTC  
 ACATAGAACTTTTTTAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_020273

**Insert Size:** 1689 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: [BC046983](#), [AAH46983](#)

RefSeq Size: 1925 bp

RefSeq ORF: 1689 bp

Locus ID: 56809

UniProt ID: [Q9JL60](#)

Cytogenetics: 4 D2.3

**Gene Summary:** Trans-acting factor that binds to glucocorticoid modulatory elements (GME) present in the TAT (tyrosine aminotransferase) promoter and increases sensitivity to low concentrations of glucocorticoids. Binds also to the transferrin receptor promoter (By similarity).  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) and variant 2 encode the same protein.