

Product datasheet for **RN205224**

Gmeb1 (NM_001109268) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gmeb1 (NM_001109268) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gmeb1
Synonyms:	RGD1563208
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN205224 representing NM_001109268
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAATGCGGAAGTGTCCAGTGGGAGACGTGGTTGTGGTGCCCACTGAAGGAAATGAAGGCG
 AGAACCCCTGAAGACACTAAAACCAAGTATCTTGCAGTTACAGCCTGTGCAGCAAGGGATTTATGAAGC
 CGGGTCAGAGAACAGTGCAGCAGTTGTAGCCGTAGAGACCCACACGATACACAAAATCGAAGAAGGAATT
 GATGCAAGCAGTATAGAAGCAAACGAGGACATGGAAATCGCTTACCCTATAACCTGTGGGAGAGTAAAG
 CCGTCCTCTCTGGAAGAAGTTCGTGTCTGGAATAAATGTGAAGTGCCTCAAGTTCAATGATCAGTT
 GATCAGCCCCAAGCACTTTGTTTCATCTGGCTGGCAAGTCCACTCTGAAGGACTGGAAGAGGGCCATCCGT
 CTAGGCGGCATCATGCTCAGGAAGATGATGGACTCTGGACAGATCGACTTTTACCAGCATGACAAAGTTT
 GCTCCAACACCTGCAGGAGCACCAAGTTTGACCTTCTGATCAGCAGCGGAGGGCTCCAGTGCCGGGACA
 GCAGACAAGTGTGGTGCAGACGCCACCTCGGCCGATGGGAACATCACACAGATCGCCATCTCAGAGGAG
 AGCATGGAAGAGGCCGGCTGGAGTGGAACTCAGCCCTCACCGCCGTGTACCATGGCCACAGAGGAGG
 GGATAAAGAAAGAGTCTGAAGAGATTTAGAGGACACTCTGATGTTCTGGAAGGGGATAGCTGATGTGGG
 GCTGATGGAGGAGGTGGTCTGCAACATACAAAAGGAGATAGAAGAGCTTCTCAGGGGTGCCAGCAGCGG
 CTCATTGATGCTCCTTTCCAGGTCACAGATGCTGCTGTTCTGAACAATGTGGCCAACACATTTGGCCTCA
 TGGACACAGTCAAGAGAGTTTTGGACAACAGACGGAAGCAAGTGGAGCATGGAGAGGAACAGTTTCTCTA
 TACCCTGGCGGACTTGGAAACGGCAGTTGGAAGAGCAGAAAAGCAAGCCCAAGATCCCAGACTGAAATCC
 CAGACGGTTCAAATGTGGTACTGATGCCTGTGAGCACCCAAAGCCTCCAAAAGACCTCGGCTCCAGC
 GGCCAGCTCCACCACCTCCTGAGCCCTTCTCCTGTCCAGCAACCCAGTTTACTGTCTATCGCCCAT
 TACCATCACTCCCGTGGGTCAGTCTTTCTCCATGGGCAATATCCCGGTGGCTACCCTCAGCCAGGGCACC
 AGTCTGTGACTGTCCACACGCTGCCTTCTGGCCCTCAGCTCTTCCGCTATGCCACAGTGGTTTCTCTG
 CCAAGAGCAACTCACCAGACACAGTAACCATCCACCCTTCAAGTTTGGCACTGCTAAGCTCCACCTC
 TATGCAGGATGGGAGTACCCTGGCAATATGGCCACCATGGTGGAGCCCGTGGAGCTGGTGGCCATGGAG
 TCTGGCCTGACTTCAAGCAATCCAGGCTGTGAAAGCACCTCTGAGGATGGGCAAACCATCATTGAAATCG
 ACCCTGCCCCAGATCCCAGGCTGATGACCCTGAGGGCAAAGCAGTATCTTGGAGACAGAGCTGAGGAC
 TGAGGAGAAAGTGGTAGCCAACATGGAAGAAGCCAGCACCAGGTCACAATGTGGAGATGTGGTCTCTG
 GAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109268
- 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: [NM_001109268.2](#), [NP_001102738.1](#)

RefSeq Size: 1943 bp

RefSeq ORF: 1689 bp

Locus ID: 500558

UniProt ID: [Q9QUZ8](#)

Cytogenetics: 5q36

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]