

## Product datasheet for **RN208061**

### **Gmeb2 (NM\_031803) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gmeb2 (NM_031803) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gmeb2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208061 representing NM\_031803  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAACTCCAGATGTCAGCGTCCACATGGAAGAAGTAGTGGTTGTGACAACCTCCAGACTGCAGTTG  
 ATGGCAGTGGTGTAGAGGAGGTGAAGACAGTGCTTGTGACAACGAACCTAGCTCCTCATGGGGTGATTT  
 GACAGAAGATAACATGGAACAGAAAATGCAGCAGCTGCAGCCTGTGCCTTTACAGCCTCCTCACAGCTC  
 AAGGAAGCCGTGTAGTGAAGATGGCTGAAGAGGGGAGAACTTAGAGGCTGAAATTGTGTACCCCATCA  
 CTTGTGGAGACAGCAGAGCTAACCTCATCTGGAGGAAGTTGTGTGCCCTGGAATCAATGTGAAATGTGT  
 TCAGTACGATGAACATGTGATCAGCCAAAGGAGTTTGTGCATCTGGCAGGGAAGCTACCTGAAGGAC  
 TGGAAGAGAGCCATCCGGATGAACGGCATCATGCTCAGGAAGATCATGGACTCTGGGGAGCTAGACTTCT  
 ACCAGCATGACAAGGTCTGCTCTAATACTTGCCGAAGCACAAGATTGACCTCTCAGGGGCCGTGTGTC  
 CCTGAGCAGTCCAACATCCACAGAGTACATCCCGCTCACACCAGCTGCAGCTGATGTGAATGGCTCACCT  
 GCCACCATCACCATAGAGACCTGTGAGGACCCTGGTGACTGGACCACAACCATTGGAGACGACACATTTG  
 CATTCTGGCGGGGACTGAAGGATGCGGGCTTACTGGATGAAGTCATACAGGAATTTCAACAGGAGCTGGA  
 GAAACCATGAAAGGCCCTGCAGCAGCGAGTGCAGGACCCGCCCTACAGCTCCGAGATGCTGCTCCTCCTC  
 AATAACATCGTGCAAACTTTGGCATGCTGGATCTGGTAAAGAAGGTAAGTGGCCAGCCACAAGTGCCAGA  
 TGGATCGTTCTCGAGAACAGTATGCACGGGACCTGGCAGCCCTGGAACAGCAGTGTGATGAACATCGCCG  
 CCGTGCCAAGGAACTGAAGCACAAGTCCAGCACCTTAGCAATGTGCTCATGACGTTGACCCAGTTTCC  
 CTGCCATCCCCTATGAAGCGGCCCGTCTTGCACGGGCTACATCTGGACCAGCTGCTATGGCTTCCCAGG  
 TGCTTACACAGTCTGCACAGATTGCATTTGCCCCAGGAATGCCTATGTCCCAGTTGACCAGTGTGCCACT  
 TGGCAAAGTAGTATCTACACTGCCCTCCACTGTCTGGGCAAGGGCTCTCCTCAAGCTGCCCCAGCCAGT  
 TCACCGGCTCCCACTGCTTGGAGGCTACACAGTTTTGGCTCCTCTGGCTCTACCTTCCCAGCACAG  
 TAGAGATTATCCGGACACATCCAGCCTCACAGTTTTGAGCACAGCTGCCATGCAGGATGGCAGCAGT  
 ACTAAAGTGGTTCAGCCCCCTGCAGCTGCTCACCTGCCTGGCCTGGGACCCACACTACAGAATGTGGCT  
 CAGGCATCACCTGCAGGCAGCACCATTGTGACAATGCCTACAGCAGCTGCTACTGGACCTGAGGAACACA  
 CAGCCACTATTGAGGTGGCCGCTGTAGCAGAGGACCATGAGCAGAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_031803
- Insert Size:** 1590 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\\_031803.1](#), [NP\\_113991.1](#)

**RefSeq Size:** 1964 bp

**RefSeq ORF:** 1590 bp

**Locus ID:** 83635

**UniProt ID:** [O88873](#)

**Cytogenetics:** 3q43

**Gene Summary:** modulates transactivation by the glucocorticoid receptor and initiation of parvovirus replication; may play important roles in development and differentiation [RGD, Feb 2006]