

## Product datasheet for **SC324292**

### **GMEB2 (NM\_012384) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GMEB2 (NM_012384) Human Untagged Clone
Tag:	Tag Free
Symbol:	GMEB2
Synonyms:	GMEB-2; P79PIF; PIF79
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_012384.2  
 CCGCCCCGCGCCGCGCAGCTCCCGACGCCGCCGCCCGCCGGGTGCCTAAGCAGGCC  
 GGCGCGGCCCCAGGACTTGGGACCCTGGAGGACTGACGCTGTGGCCTGGGCGTCCCCTT  
 CCGCTGAGCCATGGCGACTCCCGACGTGAGTGTGCACATGGAGGAGGTGGTGGTTGTGAC  
 AACTCCGGACACTGCAGTGGACGGCAGTGGTGTGGAGGGGTGAAGACCGTGTGGTGAC  
 GACCAACTTGGCCCTCACGGGGCGACCTGACGGAAGATAACATGGAGACAGAAAATGC  
 AGCGGCGGCAGCTGCCGCGGCCTTCACAGCCTCCTCCAGCTCAAGGAAGCCGTGTTAGT  
 GAAGATGGCTGAAGAGGGGAGAACCCTGGAAGCTGAGATTGTGTACCCCATCACCTGGG  
 AGACAGCAGAGCCAACCTCATCTGGAGGAAGTTTGTGTGCCGCGCATCAATGTGAAATG  
 TGTTCACTACGACGAGCATGTAATCAGCCCAAAGGAATTTGTGCACCTGGCCGGGAAGTC  
 CACCCTGAAGGACTGGAAGAGAGCCATCCGCATGAACGGCATCATGCTCAGGAAGATCAT  
 GGACTCCGGGAACTGGACTTCTACCAGCAGACAAGGTCTGCTCCAACACTGCCGCGAG  
 CACAAAGATTGACCTCTCAGGAGCCGTGTGTCCCTGAGCAGCCACGTCGGCCGAGTA  
 CATTCCCCTCACGCCCGCGCAGCCGACGTGAATGGGTCTCCTGCGACCATCACCATAGA  
 GACCTGTGAAGACCTGGCGACTGGACCGGCCATTGGAGATGACACATTTACCTTCTG  
 GCGGGGGCTGAAGGACGCCGCGCTGCTGGACGAGGTCATCCAGGAGTCCACCAGGAGCT  
 GGTGGAGACCATGAGAGGCTGCAGCAGCGGTCCAGGACCTCCCCTGCAGCTTCGAGA  
 TGCTGTACTTCTCAACAACATCGTGCAGAACTTCGGCATGCTGGACCTGGTGAAGAAGGT  
 GCTGGCCAGCCACAAGTGCCAGATGGACCGCTCGCGGGAGCAGTACGCCCGGACCTGGC  
 AGCCCTGGAGCAGCAGTGTGATGAGCATCGTCGCCGAGCCAAGGAGTGAAGCACAAGTC  
 CCAGCACCTCAGCAACGTGCTCATGACGCTGACGCCGCTCCTGCCACCGCTGTGAA  
 GCGGCCCCGGCTTGCACGTGCCACATCAGGACCGGCCCATGGCCTCGCAGGTGCTCAC  
 CCAGTCTGCCAGCTGGCGCTTGGCCCCGGCGTGCCTCCCCAGCTGACCAGCGTGCC  
 CCTTGGTAAAGTGGTGTCCACCCTGCCGTCCACGTCCTGGGCAAGGGTTCCTTCAGGC  
 GCCCCCGCCAGCTCCCCGGCCTCCCCGCTGCTCGGGGATACACAGTCTTGGCCTTTC  
 CGGCTCCACTACCCAGCACAGTGGAGATCCACCCGGACGCGTCCAGCCTCACGGTCT  
 GAGCACGGCCCGTGCAGGACGGTAGCACGGTGTCAAGGTGGTCAAGCCGCTGCAGCT  
 GCTCACGTTGCCTGGCCTGGGCCACCCTGCAGAACGTGGCCAGGCCTCGCTGGCTC  
 CAGCACAATTGTGACAGTCCCCGAGGGGTGCCCGGGCTGAGGAGCACACGCCAC  
 CATTGAGGTGGTGCATGGCAGAGGACCAGAGCGGAAGTAGCCGACAGGAGGGCGAGG  
 CCCCTGGGACGGACAGGGCTGGCTGTCTCTCAGCCGCGCAGCAGGGAGCGGGCAGAGGC  
 CGCAGGGTGGCTCGGGCAGGTGGTACGTGGTCTGCAGAACCAAGAGAGGAATCGCC  
 AAAACAAATCACGAGAAGAGAGAAGGGGACAGAACAGCGAGAGCAACCTGGAAAACCGGT  
 CTTCAGGTCCCACGTTTCTCCCTTTTTTTCTTGGGAAATATATTTTTCCATCTGTTGC  
 TTATTAATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_012384

**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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_012384.2](#), [NP\\_036516.1](#)

**RefSeq Size:** 4559 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 26205

**UniProt ID:** [Q9UKD1](#)

**Cytogenetics:** 20q13.33

**Domains:** SAND

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** This gene is a member of KDWK gene family. The product of this gene associates with GMEB1 protein, and the complex is essential for parvovirus DNA replication. Study of rat homolog implicates the role of this gene in modulation of transactivation by the glucocorticoid receptor bound to glucocorticoid response elements. This gene appears to use multiple polyadenylation sites. [provided by RefSeq, Jul 2008]