

Product datasheet for **SC115404**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_012384, the custom clone sequence may differ by one or more nucleotides

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ATGGCGACTCCCACGTGAGTGTGCACATGGAGGAGGTGGTGGTTGTGACAACTCCGGACTGCAGTGG
ACGGCAGTGGTGTGGAGGGGTGAAGACCGTGTGGTGACGACCAACTTGGCCCCACGGGGGCGACCT
GACGGAAGATAACATGGAGACAGAAAATGCAGCGGCAGCAGCTGCCGCGGCTTCACAGCCTCCTCCAG
CTCAAGGAAGCCGTGTTAGTGAAGATGGCTGAAGAGGGGAGAACCTGGAAGCTGAGATTGTACCCCA
TCACCTGTGGAGACAGCAGAGCCAACTCATCTGGAGGAAGTTTGTGTGCCCGCATCAATGTAAATG
TGTTTCAGTACGACGAGCATGTAATCAGCCCAAAGGAATTTGTGCACCTGGCCGGGAAGTCCACCCTGAAG
GACTGGAAGAGAGCCATCCGCATGAACGGCATCATGCTCAGGAAGATCATGGACTCCGGGAACTGGACT
TCTACCAGCATGACAAGGTCTGCTCCAACACCTGCCGACGACAAAGATTGACCTCTCAGGAGCCCGTGT
GTCCTGAGCAGCCCCACGTCCGCGGAGTACATCCCCTCACGCCGCGCCAGCCGACGTGAATGGGTCT
CCTGCGACCATCACCATAGAGACCTGTGAAGACCTGGCGACTGGACCGGGCCATTGGAGATGACACAT
TTACCTTCTGGCGGGGGTGAAGGACGCCGGCCTGCTGGACGAGGTCATCCAGGAGTTCCACCAGGAGCT
GGTGGAGACCATGAGAGGCTGCAGCAGCGGTCAGGACCCTCCCCTGCAGCTTCGAGATGCTGTACTT
CTCAACAACATCGTGCAGAACTTCGGCATGCTGGACCTGGTGAAGAAGGTGCTGGCCAGCCACAAGTGCC
AGATGGACCGCTCGCGGGAGCAGTACGCCCGGGACCTGGCAGCCCTGGAGCAGCAGTGTGATGAGCATCG
TCGCCGAGCCAAGGAGCTGAAGCACAAGTCCCAGCACCTCAGCAACGTGCTCATGACGCTGACGCCGGTC
TCCCTGCCACCGCTGTGAAGCGGCCCGGGCTTGACGTGCCACATCAGGACCGGCCCATGGCCTCGC
AGGTGCTACCCAGTCTGCCAGCTGGCGCTTGGCCCGGGCGTCCCGTCCCCAGCTGACCAGCGTGCC
CCTTGGTAAAGTGGTGTCCACCTGCCGTCCACCGTCTGGGCAAGGGTCCCTTCAGGCGCCCCCGCC
AGCTCCCCGGCTCCCCGCTGCTCGGGGATACACAGTCTTGGCCTTCCCGCTCCACCTACCCAGCAG
CAGTGGAGATCCACCGGACCGTCCAGCCTCACGGTCTGAGCACGGCCCGCCGTGCAGGACGATGACAC
GGTGTTC AAGGTGGT CAGCCGCTACAGCTGCTCACGTTGCCTGGCTGGGCCCAACCCTGCAGAACGTG
GCCAGGCTCGCTGGCTCCAGCACAATTGTGACAGTGCCTGCAGGGGCTGCCCGGGCTGAGGAGC
ACACGGCCACCATTGAGGTGGCTGCCATGGCAGAGGACCAGAGCGGAAGTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012384 unedited

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NNNTTGTTCAAAATTGTATACGACTCACTATAGGCGGCCGCAATTTCGCACGAGAAGGAG
CGAAGCCCGCGGCGCCGCCGCCGCCGCCGCCGCGCAGCTCCCAGCGCCGCGCCCC
GCCGGTGCCTAAGCAGGCCCGCGCGGCCAGGACTTGGGACCTGGAGGACTGACGC
TGCTGGCTGGGCGTCCCTTCCGCTGAGCCATGGCGACTCCCAGCTGAGTGTGCACAT
GGAGGAGTGGTGGTGTGACAACTCCGGACACTGCAGTGGACGGCAGTGGTGTGGAGGG
GGTGAAGACCGTGTGGTGAAGACCAACTTGGCCCTCACGGGGGCGACCTGACGGAAGA
TAACATGGAGACAGAAAATGCAGCGGCAGCAGCTGCCGCGCCTTCACAGCCTCCTCCA
GCTCAAGGAAGCCGTGTTAGTGAAGATGGCTGAAGAGGGGAGAACCTGGAAGCTGAGA
TTGTGTACCCATCACCTGTGGAGACAGCAGAGCCAACCTCATCTGGAGGAAGTTTGTGT
GTCCCGCATCAATGTAAATGTGTTTCAGGTGAGCACAGGCTGCATTAGGGCCAGGAG
AGAGGCTCATGGTGTCTGTGACTGCTTTGGGGTGCAGCTGTCCGAGTGCATCCTGAG
GCANGTCTCAGGGCTGGGAGAGTGAAGGAGTGGGGAAGACCTTCAGGAAGAGAAT
TCGCTGTGCCAGTGCCTGTGCNAGGAGGCTGGGAGGCTCCCGCTGTGTGGAGGA
GGCTGCCCTNCTGGACAANGAGCNTACCCAGCANATCCAGTGAAGCTGCTCAAAAAG
CTGNNCTCTTGGTAGGATANNATAGTGGNGNAAGGCTCTCTTTCTGACATACTGAT
AAGTCAAGTGCACAGCTACCTGTGGGC
    
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Restriction Sites: NotI-NotI

ACCN: NM_012384

Insert Size: 2000 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:	<ol style="list-style-type: none">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]