

Product datasheet for **RR208061**

Gmeb2 (NM_031803) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR208061 representing NM_031803
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAACTCCAGATGTCAGCGTCCACATGGAAGAAGTAGTGGTTGTGACAACTCCAGACTGCAGTTG
 ATGGCAGTGGTGTAGAGGAGGTGAAGACAGTGCTTGTGACAACGAACCTAGCTCCTCATGGGGGTGATTT
 GACAGAAGATAACATGGAACAGAAAATGCAGCAGCTGCAGCCTGTGCCTTTACAGCCTCCTCACAGCTC
 AAGGAAGCCGTGTAGTGAAGATGGCTGAAGAGGGGAGAACTTAGAGGCTGAAATTGTGTACCCCATCA
 CTTGTGGAGACAGCAGAGCTAACCTCATCTGGAGGAAGTTGTGTGCCCTGGAATCAATGTGAAATGTGT
 TCAGTACGATGAACATGTGATCAGCCAAAGGAGTTTGTGCATCTGGCAGGGAAGCTACCTGAAGGAC
 TGGAAGAGAGCCATCCGGATGAACGGCATCATGCTCAGGAAGATCATGGACTCTGGGAGCTAGACTTCT
 ACCAGCATGACAAGGTCTGCTCTAATACTTGCCGAAGCACAAGATTGACCTCTCAGGGGCCGTGTGTC
 CCTGAGCAGTCCAACATCCACAGAGTACATCCCGCTCACACCAGCTGCAGCTGATGTGAATGGCTCACCT
 GCCACCATCACCATAGAGACCTGTGAGGACCCTGGTGACTGGACCACAACCATTGGAGACGACACATTTG
 CATTCTGGCGGGGACTGAAGGATGCGGGCTTACTGGATGAAGTCATACAGGAATTTCAACAGGAGCTGGA
 GAAACCATGAAAGGCCCTGCAGCAGCGAGTGCAGGACCCGCCCTACAGCTCCGAGATGCTGCTCCTCCTC
 AATAACATCGTGCAAACTTTGGCATGCTGGATCTGGTAAAGAAGGTAAGTGGCCAGCCACAAGTGGCAGA
 TGGATCGTTCTCGAGAACAGTATGCACGGGACCTGGCAGCCCTGGAACAGCAGTGTGATGAACATCGCCG
 CCGTGCCAAGGAACTGAAGCACAAGTCCAGCACCTTAGCAATGTGCTCATGACGTTGACCCAGTTTCC
 CTGCCATCCCCTATGAAGCGGCCCGTCTTGCACGGGCTACATCTGGACCAGCTGCTATGGCTTCCAGG
 TGCTTACACAGTCTGCACAGATTGCATCTGGCCAGGAATGCCTATGTCCAGTTGACCAGTGTGCCACT
 TGGCAAAGTAGTATCTACACTGCCCTCCACTGTCTGGGCAAGGGCTCTCCTCAAGCTGCCCCAGCCAGT
 TCACCGGCTCCCACTGCTTGGAGGCTACACAGTTTTGGCTCCTCTGGCTCTACCTTCCCCAGCACAG
 TAGAGATTATCCGGACACATCCAGCCTCACAGTTTTGAGCACAGCTGCCATGCAGGATGGCAGCAGT
 ACTAAAGTGGTGCAGCCCTGCAGCTGCTCACCTGCCTGGCTGGGACCCACACTACAGAATGTGGCT
 CAGGCATCACCTGCAGGCAGCACCATTGTGACAATGCCTACAGCAGCTGCTACTGGACCTGAGGAACACA
 CAGCCACTATTGAGGTGGCCGCTGTAGCAGAGGACCATGAGCAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208061 representing NM_031803
 Red=Cloning site Green=Tags(s)

MATPDVSVHMEEVVVVTTPDTAVDVGSGVEEVKTVLVTTNLAHPGGDLTEDNMETENAAAAACAFTASSQL
 KEAVLVKMAEEGENLEAEIVYPITCGDSRANLIWRKFVCPGINVKCVQYDEHVISPKFVHLAGKSTLKD
 WKRAIRMNGIMLRKIMDSGELDFYQHDKVCNTRSTKIDLSGARVSLSSPTSTEYIPLTPAAADVNGSP
 ATITTIETCEDPGDWTITIGDDTFAFWRGLKDAGLLDEVIQEFQQEEETMKGLQQRVQDPPLQLRDAVLL
 NNIVQNFGLDLVKKVLAASHKCMQDRSREQYARDLAALQQCDEHRRRAKELKHKSQLSNVLMTLTPVS
 LPSPMKRPRLARATSGPAAMASQVLTQSAQIALGPGMPMSQLTSVPLGKVVSTLSTVLGKGSPPAAS
 SPASPLLGGYTVLASSGSTFSTVEIHPDTSSLTVLSTAAMQDGTTVLKVVSPLQLLTLPLGLPTLQNV
 QASPAGSTIVTMPATAATGPEEHTATIEVAVAEDHEQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_031803

ORF Size: 1587 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

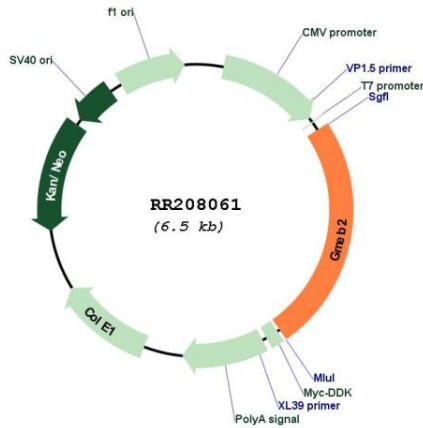
RefSeq ORF: 1590 bp

Locus ID: 83635

UniProt ID: [O88873](#)

Cytogenetics: 3q43
MW: 56.6 kDa
Gene Summary: modulates transactivation by the glucocorticoid receptor and initiation of parvovirus replication; may play important roles in development and differentiation [RGD, Feb 2006]

Product images:



Circular map for RR208061