

## Product datasheet for **MR208497**

### Gmeb2 (NM\_198169) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gmeb2 (NM_198169) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gmeb2
Synonyms:	A1839884
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208497 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAACCCAGATGTGAGCGTCCACATGGAGGAGTGGTGGTTGTGACAACTCCAGACTGCAGTTG  
 ATGGCAGTGGTGTAGAGGAAGTGAAGACAGTGCTTGTAAACAACGAACCTAGCTCCTCATGGGGGTGATTT  
 GACAGAAGATAACATGGAACAGAAAATGCAGCAGCTGCAGCTGCTGCTTTTACAGCCTCCTCACAG  
 CTAAGGAAGCCGTGTTAGTGAAGATGGCTGAAGAGGGGGAAGCTTAGAGGCTGAAATTGTGTACCCCA  
 TCATTGCGGAGACAGCAGAGCTAACCTCATTTGGAGGAAGTTTGTGTCCTGGCATCAATGTAAATG  
 TGTTCAATGATGAACATGTGATCAGCCAAAGGAGTTTGTGCACCTGGCAGGGAAATCTACCTGAAG  
 GATTGGAAGAGAGCCATCCGGTGAATGGCATCATGCTCAGGAAGATCATGGACTCTGGAGAGCTAGACT  
 TCTACCAGCATGACAAGTCTGCTCTAATACTTCCCGCAGCACGAAGATTGACCTTTCAGGGGCAGTGT  
 ATCCCTGAGCAGTCTACATCCACAGAATACATCCCACTCACACCAGCTGCAGCTGATGTGAATGGCTCA  
 CCTGCCACCATACCATAGAGACCTGTGAGGACCTGGTACTGGACCACAACCATTGGAGATGACACAT  
 TTGCATTTCTGGCGGGGATTAAGGATGCGGGCTTACTGGATGAAGTCATACAGGAATTTCAACAGGAGCT  
 AGAGGAAACCATGAAAGGCTGCAGCAGCAGTGCAGGACCCACCCTGCAGCTCCGAGATGCTGTCCCTC  
 CTAACAACATCGTGCAAACTTTGGCATGCTGGATCTGGTGAAGAAGGTACTGGCCAGCCACAAGTGTG  
 AGATGGATCGTTCGGGGAACAGTATGCACGGGACCTGGCAGCCCTGGAGCAGCAGTGTGATGAACATCG  
 CCGCCGTGCCAAGGAGCTGAAGCACAAGTCCAGCACCTCAGCAATGTGCTCATGACGCTGACCCCGTT  
 CCATTGCCATCCCCTATGAAGCGGCCCGTCTCGCCCGGGCTACATCTGGACCAGCTGCTATGGCTTCCC  
 AGGTGCTCACACAGTCTGCACAGATTGCTTTGAGTCCAGGAATGCCTGTGTCACAGTTGACCAGTGTGCC  
 ACTGGGCAAGTAGTATCTACACTGCCCTCCACTGTCTGGGCAAGGGCTCTCCTCAAGCTGCCCCAGCC  
 AGTTCACCGCCCTCCCACTGCTCGGAGGCTACACAGTTCTGGCCTCCTCTGGCTCTACCTTCCCAACG  
 CAGTCGAGATCCATCCGGACACTCCAGCCTCACAGTTTTGAGCACAGCCGCCATGCAGGATGGCAGCAC  
 AGTACTGAAGGTAGTCAGCCCTTGCAGCTGCTCACCTGCCTGGCTGGGACCCACCCTACAGAATGTG  
 GCTCAGGCATCACCTGCAGGCAGCACCATTTGTGACAATGCCTACAGCAACTGCCACTGGACTGAGGAGC  
 ACACGGCCACTATTGAGTGGCTGCTGTAGCAGAGGACCATGAGCAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208497 protein sequence  
 Red=Cloning site Green=Tags(s)

MATPDVSVHMEVVVVVTPDVAVDGSGVEEVKTVLVTNLAAPHGGDLTEDNMETENAAAAAAFTASSQ  
 LKEAVLVKMAEEGENLEAEIVYPIITCGDSRANLIWRKFVCPGINVKCVQYDEHVISPKFVHLAGKSTLK  
 DWKRAIRMNGIMLRKIMDSGELDFYQHDKVCNTRSTKIDLSGARVSLSSPTSTEYIPLTPAAADVNGS  
 PATITIECEDPGDWTTTIGDDTFAFWRGLKDAGLLDEVIQEFQQELEETMKGLQQRVQDPPQLRDAVL  
 LNNIVQNFGLDLVKKVLASHKQMDRSREQYARDLAALQQCDEHRRRAKELKHKSQLSNVLMTLTPV  
 PLPSPMKRPRLARATSGPAAMASQVLTQSAQIALSPGMPVSQLTSVPLGKVVSTLPSTVLGKGSPPQAAPA  
 SSPASPLLGGYTVLASSGSTFPNAVEIHPDSSLTVLSTAAMQDGVTLKVVVSPQLLLTLPGLGPTLQNV  
 AQASPAGSTIVTMTATATGPEEHTATIEVAVAEDHEQK

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

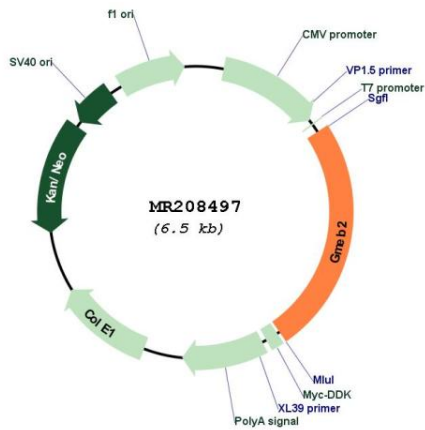


**Cytogenetics:** 2 H4

**MW:** 56.6 kDa

**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]

**Product images:**



Circular map for MR208497