

Product datasheet for **MC204491**

Gadd45b (NM_008655) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gadd45b (NM_008655) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gadd45b
Synonyms: AI323528; Myd118
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023815
 CCACGCGTCCGGGTCTGCGTTCATCTCTGTCTTCTTGGATTAATTTTCGAGGGGATTTTGCATCTTCT
 TTTTACCCTACTTTTTCTTGGGAAGGGAAGTCCCACCGCTCCGGAAGCCTCCGACACTTCTGGTCG
 CACGGGAAGGTTTTTTTGCCTCTTGGGTTTCGTATCTGGACTTGTACTTTGCTCTTGGGGATCTTCGTGG
 GGTCCGCTGTGGAGTGTGACTGCATCATGACCCTGGAAGAGCTGGTGGCGAGCGACAACGCGGTTTCAGA
 AGATGCAGGCGGTGACTGCCGCGGTGGAGCAGCTGCTGGTGGCCGCGCAGCGTCAGGATCGCCTCACCGT
 GGGGGTGTACGAGGCGGCCAAACTGATGAATGTGGACCCGACAGCGTGGTCTTGTGCCTCCTGGCCATA
 GACGAAGAAGAGGAGGATGATATCGCTCTGCAGATTCACCTCACCTGATCCAGTCGTTCTGCTGCGACA
 ATGACATTGACATCGTCCGGGTATCAGGCATGCAGAGGCTGGCGCAGCTCCTGGGGAGCCGGCGGAGAC
 ATTGGGCACAACCGAAGCCGAGACCTGCACTGCCTCCTGGTACGAACTGTCATACAGATTCTTGAAA
 AGCCAAGGCTTGGTGGAGGTGGCCAGTTACTGTGAAGAGAGCAGAGGCAATAACCAATGGGTCCCCTATA
 TCTCTCTAGAGGAACGCTGAGACCCACTCCAAACATCTAAAGCAACTGTCGAGTTGCTGTCCCCTAAAAA
 AAGTAAATAAAATACATATTTGACAGCCCCCTCATCCCCAGAACAATCCCTCAAAGGCTACCCTACCCG
 TGATACCTTCTGGGAGGGGCGGAGTCCAGGACTGAGATGAGGAGAGGGGCACGTGCGCCCGCCCGCCC
 TCTGGGCTGTGGAGCCAGGAGCAGCACCACAGGTGGTCCGCGAGGTCCGGAAGGAGGGCACCTCAGGCAAG
 AGGAGACTGAGACTTTAGAGCCAAGGCTGGCAGTCTGCAGCCAGCCTCTGCTCGCAGCCGAGACGGT
 CTGGACACCGCCGAGGGGTGGGGTGGGCGTCCCCACCCTGCGGGACAGTGAAGTGTGCATAAGTCAG
 CGGAGGGCGACGACCCTCGCCGCGGGACCCGGGACTCGAGCCGGGACTTCGAGCTACAGCACATCTAT
 TTTTAATATTGTGCTGAGCAAGACAGATCGCTTGCATATTTTTAAAAATTTCTACTACAGAGACATTCCA
 ATAACTCGTTAAGCCTTAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008655
Insert Size: 483 bp



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| 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: | BC023815 , AAH23815 |
| RefSeq Size: | 1314 bp |
| RefSeq ORF: | 483 bp |
| Locus ID: | 17873 |
| UniProt ID: | P22339 |
| Cytogenetics: | 10 39.72 cM |
| Gene Summary: | Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1/MEKK4 MAPKKK (By similarity).[UniProtKB/Swiss-Prot Function] |