

Product datasheet for **MC203784**

Gadd45a (NM_007836) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gadd45a (NM_007836) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gadd45a
Synonyms: AA545191; Ddit1; GADD45
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011141
GGCAGAGTTCCCCAGCGAGGCTAGGCGAGCAGCCGGCCGGAGCGGAGAAGGGAGGGTGGGAGCGAG
CGCAGAGCCGGCCCGCGCACTGTGGGGCCAGGAGCAGCCCGCGCGAGGGAGGGACTCGCACTTGC
AATATGACTTTGGAGGAATTCTCGGCTGCAGAGCAGAAGACCGAAAGGATGGACACGGTGGGCGATGCC
TGGAGGAAGTGCTCAGCAAGGCTCGGAGTCAGCGCACATTACGGTCGGCGTGTACGAGGCTGCCAAGCT
GCTCAACGTAGACCCCGATAACGTGGTACTGTGCCTGCTGGTGTGACGAAGACGACGACCGGGATGTG
GCTCTGCAGATCCATTTACCCTCATCCGTGCGTTCTGCTGCGAGAACGACATCAACATCTGCGGGTCA
GCAACCCGGTTCGGTAGCTGAGCTGCTGCTACTGGAGAACGACGCGGGCCCGCGGAGAGCGGGGCGC
CGCGCAGACCCCGACCTGCACTGTGTGCTGGTGACGAACCCACATTCACAATGGAAGGATCCTGCC
TTAAGTCAACTTATTTGTTTTTCCGGGAAAGTCGCTACATGGATCAGTGGTGGCCGTGATTAATCTCC
CGGAACGGTGATGGCATCCGAATGGAAATAACTGAACCAATTGCACTGAAGTTTTGAAATACCTTTGTA
GTTACTCAAGCAGTCACTCCCCACGCTGATGCAAGGATTACAGAACTGATGTCAGGGGCGGAGTTCAA
CTGCACGAGGGCTCAGAGATGACTTTGCAGAGGGAGAGAGGTTGAGCCTGAAGAAGGAAGCTGCGAGAA
AAGAGAAATCCAAGGCAAAAGGGACAAAACACTACAAGCACTGCAAGAAAGAAAAGTCTAATTTAGGAT
GGCCAGGTTACTTTCAAATAAGCCAAATATTGCTTTGTTGAACTTTAAATGTATAGCAATAGTTTGGGT
ATTTTTTTCTTTTTTTTTTTGGTCTTATGCCCTCAAATAAAAGGAAAGTAAAAGAGGATTAATCATA
TTTTCAAGCCACAGTTTAAATGTATTTTATGATGAGATGTTAAATCTCAGAAGTTTTATTATAAATCTTAC
TAAGTTATTTTATGATGTGAAAGTTATTTATGATAAAGTTTTTGAAGCACATTATCTAAAATAAAGTGG
TATGGAATAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_007836
Insert Size: 498 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:	BC011141 , AAH11141
RefSeq Size:	1219 bp
RefSeq ORF:	498 bp
Locus ID:	13197
UniProt ID:	P48316
Cytogenetics:	6 C1
Gene Summary:	Might affect PCNA interaction with some CDK (cell division protein kinase) complexes; stimulates DNA excision repair in vitro and inhibits entry of cells into S phase. In T-cells, functions as a regulator of p38 MAPKs by inhibiting p88 phosphorylation and activity. [UniProtKB/Swiss-Prot Function]