

Product datasheet for **MC218912**

Gm12695 (NM_001081284) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm12695 (NM_001081284) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm12695
Synonyms:	OTTMUSG00000008003
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218912 representing NM_001081284
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTCACCTTGAAGACCTCGCAAAGTTCACTGCCAATGCCGAAATGATAGTGAAAATTGTTGGAA
 GTAACACTTTTCGTTACTTCATAGAAAAGCCAATGAATAAGCAGAATGAGAAGTTGAAGACAGAACCTCA
 AACCTCACTCCAGAAACCCAGGAATGATTATCAAGACGGGTGAGCAGAGACCTGCCAGGACCCACTGAC
 TCTTCTGAGCAACAAATAACTGTAACCCAGCTGAGAAGGAAGAAAGCAAGCACCAAAGAAGCAGCCTAA
 AACCCGAAAGCAATCAAAAGTTCTTAACAGAGTATTCAGTAACAGGTTCTGGATGGCAGGATTTCTTA
 TGAGGCAAATGTCCACTGCAGCTCTGTACCAACAGGAGACCAATCACTATCCTATATGCATAGTCTCCCC
 AGAAGAAAGTCTGTAGGCTGGTCTTGGAAACATACAGCAAAGGACAGCTCTGGCCAAGCAGAGGAAATTG
 TCCAAAGGCCAAGTGAATGACAAGAGAAGATTCTTTTCTAACACATTGGTCAGAAGAGAAGTCAACTC
 ACGCCCATTTGAGCTCCAATTTGTTGGACAACTTCAGAAAGAGCTGAAGACTCTGGATCCCATCTCTCA
 GGCTTTCTCCATCAGTCGCAGCTGAGCTGCCTTCTCTAAGGCATAAAGTCCCTCTGCCACTACTAACAG
 TCAAGCTCCTCTGCCAAAGATTCTCTAGAAGGTGTTCTCCGAAATGGTAAATTATGGAGAGGTAAGTCTG
 TTTTTGAAAGAAGCAACTAAAGATAATTTACAGCAAAATGGAACAGCTGGATATAGTAACTCAAGGAAA
 ACTTCAAGTCCAAGCTACCATAAACAAGCATTCCACCTCAAGATTCCAGCTTACTGTCTGAAGTGAACA
 AGAGCCTGCTAGAGATTTTGAAGATGGCACTAAGACCATGCCAAGGCAAAGTCCAGCATAGACTGCCTCAA
 CATGAGCTTTGAAAAGAAGATCACTCATTCTCTGGCTGCCTACCCCTGCCAAGGTCATATCTATATGT
 AGCAAGCATGGACTGTATGTAACCATGACCTGCTGGAACATTGCTCCACCACCAAGAAGTGGTTACC
 GAGGTGAAATAAAGTGGAAAGACTTTGTTAAGTGGCTGAACAGAGCTTCTGCTGATTTGTCATGTGACAT
 GCCAGCAGGAAAGAATAAAAAGGAAACCAAGGGGACTTGGTTGACATCCCTGAAAGACCCCAAAGAAAA
 ACTGAACATGTGAAAAGTCCAGAAGAAAATCTGCAGACAAAAAACCTACCCTACTGACGTGACGACCCAG
 AAGACCTGTGACCTTCTTAAGAACAGGCCAGTCTCTCAGCCTGTTGAGCATCTGGCTGTGAAGAAGGA
 TGGGCAATCAGAGTTATGGATAGACAGGTTGAGAAAGCTGGAAAATGCCCTTTACCTGTGTGACCTGAGC
 AACACAGGAGTGTGGAGCGGGAGCGAGCCAGGCGCCTCATTCACAACTACAACCTCATTACAGCTTGT
 CTCTGAGTCCCCGGAGAATCAACCAGGCCTTGCAAAGATACCGTCTGGAGAAAACATAATCTTGGAGCC
 AGCACTTCAGTACTTAAAGGAGCT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081284

Insert Size: 1638 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:

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_001081284.1](#), [NP_001074753.1](#)

RefSeq Size: 1638 bp

RefSeq ORF: 1638 bp

Locus ID: 620779

UniProt ID: [A2AGB2](#)

Cytogenetics: 4 C5