

Product datasheet for **MC221976**

Gm13695 (NM_001177434) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13695 (NM_001177434) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm13695
Synonyms:	545432; Gm5838; OTTMUSG00000013391
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221976 representing NM_001177434
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAAGTAGTGTGGCACACATGAAGCAGTCCTCTGGTCACAACAGAAGGGAGACCCACAGTTCATACT
 GCCGGAGCTCCTCCCAGAAAGACAGATACACAGAGCAAGAGCGGTTCCCCGGGATAGAGATTACTCTGA
 TTACAGCCGGTCAGACTATGAGCGATCTAGAAGAGGATACTCTTACGATGACAGCATGGAATCACGAAGT
 AGGGACCGAGAAAAACGCAGAGAAAGAGAGAGATGCAGATCATCGAAAACGGCCCTGGAAATCGCCAT
 CCCCCGACAGGAGTCCAGCCGAGGCATAAGGCAGAGTTCCTCAGGAAGAACCACATGGAAGAAGAA
 GAAGGATGAGCTGGACCCGCTGCTACCCGCACTGGGGGAGCGTATATCCCTCCTGCGAAGCTCAGGATG
 ATGCAGGAGCAGATCACAGATAAAAGCAGCTTAGCATATCAGAGGATGAGCTGGGAGGCTCTGAAGAAAT
 CCATTAATGGTCTCATCAACAAGGTCAACATCTCTAATAAAGCATTATTATCCAAGAGCTCCTTCAAGA
 GAACATTGTCAGAGGGAGAGGATTGCTGTCCAGATCTGTTCTGCAAGCCAGAGTGGCTCCAATCTTC
 ACTCACGTTTATGCAGCTTTGGTGGCAATAATCAACTCAAAATCCCACAGATTGGAGAATTGATCTCA
 AGAGACTAATTCTTAATTTTCGGAAGGCTATCGAAGGAACGATAAGCAACTTTGCCTGACTGCTTCAAA
 ATTTGTGGCACATCTTATTAACCAAAATGTGGCACATGAGGTTCTGTGCCTGGAGATGCTCACTTTGCTC
 CTGGAGAGACCAACAGATGACAGTGTGAAGTAGCTATCGGCTTCTCAAAGAGTGTGGTCTCAAATTAG
 CCCAGGTGTACCAAGGGGAATTAATGCAATCTTTGACGCCCTTCGAAACATCCTACACGAGTCTGAGAT
 CGACAAAAGAGTTCAGTACATGATTGAAGTGTGTTGCTGTACGGAAGGATGGATTCAAGGACCACCT
 GTTATCTTGAAGGACTTGATTTAGTGAAGAGGACGATCAGTTTACACATATGCTCCCCCTAGAGGATG
 ACTACAATCCAGAAGATGTTCTTAATGTTTTCAAGATGGATCTAATTTTTATGGAGAATGAAGAGAAGTA
 CAAGGCTATTAAGAAAGAAATCCTTGATGAAGGAGACAGTGATTCAAACACAGACCAAGGAGCTGGAAGT
 AGTGAAGATGAGGAGGAGGTAGAGGAGGAGGGAAGAAGAGGAGGAGGAAGGAGAAGACGAGGAAGGAG
 GGCAAAAAGTAACATTCATGACAAAACAGAAATCAACCTCGTCTCATTTGCGCGTACAATCTATCTTGC
 CATTCAAGTCAAGTTAGATTTTGAAGAATGTGCACACAAGTTGCTGAAAAAGGAGTTTGCAGAGAGCCAA
 ACAAAGAAGTCTGCAACATGATACTTGTGCTGTGCCAACAAAGGACCTATGAAAATTTTTTGGCT
 TGTTAGCTGGGCGTTTTGTATGCTGAAAAGGAATACATGGAATCATTTGAAAGTATATCAAGGAACA
 GTACGACACCATCCATCGCTTAGAGACAAACAAATGAGAAATGTTGCTAAGGTGTTGCTCACCTTTTA
 TACACAGATTCACCTCCATGGAGTGTCTCGAATGTATAAACTGAGTGAAGAGACCACGACATCGTCTA
 GTCGAATTTTTGTCAAGATCTTCTCCAGGAAGTGTGAATACATGGGTCTTCTAAACTGAATGCGAG
 GTTAAAGGATGAAACTCTCCAGCATTCTTTGAAGGTCTGTTACCCAGAGACAACCCACGCAATACTCGG
 TTTGCCATCAACTTCTTCACTTCCATAGGTCTCGGAGGATTGACGGATGAACTGCGAGAACATCTGAAAA
 ATACGCCCAAGGTATCGTAGCCAGAAACAGAAAGCTGAACAAAAGAAAACAGCCCTGACATCTTCATC
 TTCAGAGTCTTCTCGGCGTCTGATTCCTCTGACTCAGATTCTGACAGCAGCGAAAGCAGCTCAGAGTCC
 TCTAGTGAAGCGAGCGACTCCTCCTCCTCCAGCACTCAGAGCTCTACCTCAGCTAAAGGTACAAGAA
 AGAAGAGACAAGGAAGGCCAGAGGCCAAGAAGTTGATAAGTTAGCCAGGGGCCACCAGGCACTTGAGCG
 GAGGCAAGGAGGCAGGGAGGACCAAGGCACCAGGAAGGGAGGACTGAGAGAGCAAGGTCTGAAAGACAC
 AGAGCTCAGAAGTACAGAGATGCAGACTGGAGAGATTCCCTAGCAAAGCACATAGATGACAGAAGCCATG
 AGAATAGTCACAGCAGAGTTGGCAATGGCCGAGAACAAGGCTCACACAGAGAGCCAGAAGACAGGCATGG
 CGAACCAAGAAGAAGCAGAGAGAGAAGAGATTCTTTCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177434
Insert Size: 2493 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:	<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:	<u>NM_001177434.1</u> , <u>NP_001170905.1</u>
RefSeq Size:	3310 bp
RefSeq ORF:	2493 bp
Locus ID:	545432
Cytogenetics:	2 D