

Product datasheet for **MC216573**

Gm13078 (NM_001085412) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13078 (NM_001085412) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm13078
Synonyms:	OTTMUSG00000010322
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216573 representing NM_001085412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAGCTTCAAGGACCCACCAACTCCAGCAGCTGGCAAGAAGAAGCCTGCTGAAAGATGAAGCCTTGA
 CCATCTCTGCTCTGCCGAACCTGCCATGCAACTCTCCACCACCTCTCAAGGATGCATTCACCAACAA
 ACATCCTAACATACTAAGGCAGATGGTGGTAGCATGGCCTTTCCCAACCTTCTGTGGGATCCCTGATG
 AAGATTCTCACCTGGAGACCTTAAAGCTGTGCTTGTGGCCTTGATTTGCTAATGTCACAAAAGGATC
 GACCTAGCAGGTGGAACCTACAAGTGCTTGATTTGCGAGATGCCCAAGGACTTCTGGGATGGTTGGGC
 TGGATTACTTCATGAAGTCTGCTCTCAAGATGTCTTTGGCAAGAACCAACAGTGGGAAATCATCCCATC
 CTAGGGGGGAAACAGACCATGACTATAAAATGAATCTTCCCTCATGTCCCGCCGCTCTCCAAATACC
 TAAATATTTGTATCGTGGGCCAAGGAGAGAAAAATGGGATACAGGTGATCTGTGAGAAGTTGGAGTT
 TGGGGCCATTCTGCCTATGACCCACTGGATGTTCTGAAGCTTTGTGATGCAGCCTCAATCCAGGAATTG
 GCAATAAACACATGCTGGGATATATATACCCTTGATCACTAGCCCTTGGTGTGGGCCAAATGAAAAACC
 TCCAGAACTCCTTTTCAAGGAAATCTGCATATCTTGGGATAGGCCTTGGGACCTAGAGAAGGAAGCCCG
 TATTGTTACAGAGATCTTTCCGAGTTCTCCAACTGCATAAGCTCCAGCATCTCTATCTGAATGATGTC
 TACTTCTGACTGAACGCCTGGACCAATGCTCAGGTGCTTTGAGAGTCCATTAGAGACACTTGCTATTA
 CTCAGTGCACACTGTGAGAACATCAGATATGAGTTATCTGTCCCAGTGTCCAAGCATCCACCAGCTCAAACA
 CCTGGACCTGAGTGGTGTACCTTGATTTTAAAGTCATCCATTCTACAAAGCCTGCTAGAAAAGACTGACA
 GCTACTCTGCAGACATTTAAATTTGAAGGGCTGTAAAGTCATGGACTGGCAATCAGTGACCTCCTGCCTG
 CACTGAGCCAATGTTCCAGCTCACTGAAGTCGATTTTGTGGAGAACTTTTCCATGGACAGCCTGAA
 GAAGTTGCTACGAACACTGCCAACCTCACACAGCTGACCTGGAGAAAGTATCCTGCCCTGATGAAGTC
 TATGATGACAGTATGGTGTATTCCAGACAGATTTTGAACCTTTGTTCTGAGCTTATAGACACTCA
 AGGTTGTAAGGCAGCCAAAGCAGGTCTACTTTGTGAGTAAGAGGTGTTTATATTGTCGGAATTTCTGTAT
 CTACAGTTTTGTGGGAATATA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001085412

Insert Size: 1425 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_001085412.2, NP_001078881.1
RefSeq Size: 2110 bp
RefSeq ORF: 1425 bp
Locus ID: 277666
Cytogenetics: 4 E1