

Product datasheet for **MC215108**

Gm11758 (NM_001097978) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm11758 (NM_001097978) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm11758
Synonyms:	OTTMUSG00000004013
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215108 representing NM_001097978 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGAGAGAAGATAACCGCGTCCAAAGTGTGAGGAGTGACAAAGAAGCCAATAGGAGGAGGAGGCTGA
GGCAGGAAGGCCAAAGTTCCTCAGGTCCGTGTGATAGCCCGTGGACTGAGGATGAAATCTGGATCTTGCT
GCAAGAGTGGGCAATGGTTGAATATGAACTCGGAGACCCAGGCAATAAGATGCATGCGAAGGCCAAGTCC
CTTAGCAGACGCCTCTAATCGGGTCTGAGGAAGAGCAAGAATAGCTGTCTTGATGTGATGGTGAAGA
TGAAGGACCTGCACACACGTCTTTGTAACGAGAGGCCAGGGCTTACCGCTTGTATTCGACTTATGAATG
GATCCTGTACGAGATCTTGGGCCACCCAGATCCAGGGAGGCTATGTGCCAGGTCTTTGGTTTGTATGGG
CACAGTAAGCCACCAGCTTCCTATGCACCTTCCCTCTGCATTGGTGGTGCATCTCTCCAGGCCCTTCT
TTAGCCCATGGACCGACCCTGAAATCAAGATCTTCTGCAGGAGTGGCAAGTGGTTGAACGGGAAATTGG
CCACCCAGGCCAGAAGATCAAGCAGAAGAGCAGTCTTGTGGCAGCGTCTCTATCATCGAGGCCTGTT
AAGGACATCCAAAGCTGTTTGGACCTGATGTGGACCTGAAGGATCTGCACTCCACTCTCAGTAGAGAGA
GATCAAGGACTGTACCTTGTCTCTCTATAGAGATTATCTGAAAGGATCTTCGACCCCAAATGTCA
GAGAGGCCATGTTCCAGGTGCTCTGTATAATTGGTCTGGTTACCACAGGCCTTCTCAAGCCCTCAAAC
CCAATGGTGTATGCCATCTCCAGTATACAGCCTTGGGATTATGGCATGTCTGCGTCTTCTGGTCACTTC
ATGGGAACCCATCACTGATCATGTCCAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGT
CTATCCATTGCCAGTTCAACATGTACTTCTGGCCTCTCTCTGAGACAACAACCTTTCAGTGGCGTGG
TCACCTCGTGATGAGAGCTCAAGTCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001097978



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Insert Size:	1083 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_001097978.2, NP_001091447.2</u>
RefSeq Size:	1325 bp
RefSeq ORF:	1083 bp
Locus ID:	545637
Cytogenetics:	4 C3
Gene Summary:	This gene belongs to a family of related genes tandemly arranged in two clusters on chromosome 4. This family, which appears to be mouse-specific and composed of multiple highly similar members, is supported by limited transcript data. Members of the family maintain an intact open reading frame although the encoded protein has no known function. This gene is supported by transcript alignments. [provided by RefSeq, May 2013]