

Product datasheet for **MC215759**

Gm10439 (NM_001037716) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Gm10439
Synonyms:	ENSMUSG00000072923
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC215759 representing NM_001037716
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGAACCATGAAGACGAAATTAGACAGCTGAGATATCTAGAAGCTGCTAATTCTGAAGAAGAATACA
 ATGAGGAGAATGACATACAGTCAGAAAGCTCCAGAGGGCAAGCATTTTTCCCTGGACATCCGCGAGGGAG
 AGGACACAGACGTGACAGTAGGGGAAGAAATGGCCATTTTTTCAGACAAAGATTTTCAGCAAATCATCCT
 CTACTTCATCTGACAAGACAAGTCAACCTAGAAAGTCTAACAGGAGGAATGGAACCAATCAGAAGAGA
 GACAGCTACAACAAGAAAGAATCCAATTGTTCTTCAGGAGTTTACATGGCCTCTCCCAATCTCATGACCA
 CCACATTGGCAGATCTCATGGCCGCTATTCCAGAAGATCACGTAGTCGATTGAGGAGAGCTCCTGTTTAC
 TCAGAGAGATCTCATGTCTACTCAGGTAGAACTAATTACTATACAGATAGACCACCATGACCTCTCAA
 ATAGACCACACAATCAACTCTCAGTGAGACCACATCCTGACCTCTCAGGTAGACCACTTCATGACTACTC
 AGGTAGACCACATCAAAACCATGCAGTTAGGCTTCAACATGGCCACTCAGATAGATATCATCTTACCCAT
 ACAGAGAGAGTTCTTCTAGCCACTCAGGGATAGCTCATCCTGGCCACACAGAGAGAGATAATCAAGCCC
 AAAGAGGGGAGAGCTCATGATAACCAATCAGGGTTAGCTCATCACAACTATGATGGCAGATCTCATCATGA
 CCCTCAGGGAGAGCTTATCATCGCCATGCAATGAGAGCTCATAACAACCAATCATGGAGATCTGATAAC
 AACCAGTCATGGAGAGATCTTAACCAAGTCATGGAGAGTTCGGAACAACCAAGTCACAGAGAGGTCTGACA
 ACCAGTCACAGAGAGGTCTGACAACCAAGTCACGTAGAGGTGATAATGATCAGTCATGGAGAGCTCATAA
 CATCCGGTCACGGAGAGATCGTTATCACAACTCATTGAGATCTAGTAGCATCCAGTCATGGATGCTTCAT
 GAAAGAGAAAGATACCATGGTCCAAGAGGAAGAAATGGACCAAGGGATGCATCACCACAGGATCTGAGC
 CAGAAATTGACAGATTGTCTGCAATAAGAGAAAGGACTGACTATTTATGGGTACAGGAACATCGAAGAAA
 TGAGACAGTTGAACTGAATGTAGGGCTAGAAGACGGCTACAGCAGTGCTGAAGAGAGTGATGAAAGTTTG
 GACAGACTAACCTGTCGCTCCATGCTAGATACACTATACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001037716

Insert Size: 1302 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001037716.2, NP_001032805.2</u>
RefSeq Size:	1803 bp
RefSeq ORF:	1302 bp
Locus ID:	382243
Cytogenetics:	X