

Product datasheet for **MC214573**

Gm438 (NM_001126316) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm438 (NM_001126316) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm438
Synonyms: RP23-273M9.1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214573 representing NM_001126316
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGTTCTGTGGCTGGTGTCTTAGCAGGAGTATCCACATTCTTCTGGGGTCTTTGTATGGCCA
TCATAACAACCTTCTCACTGTTGAAATCCATCTACCCTGAAGCATCCAGCCAAATTAAGTTTTTGCA
TTGCATGCTCCTGTACCTGATAACTCTGGAAACATACTAGAGAACTGAGAATTTGTTCCATACCAGG
TTTTTACAATTTGTCCAAGATCTAATCCTGATAAGGAAGAACTCTAATGTGGCGGTGACTGACATGCATT
TTGGGACAGTTTCTGTGAGGCTGTTCAAGCCAAAGAAGCGTCTTCCAAATACAGGCGAGATACTACCA
TGGCCTGGGCAGCTTCTGGCCATGAGACAGACTCATTGGTGTCTTGGTGGGGTACCGAAAGCTTCT
GACTACCATCACCTGTCCCTTCAAGGATTGCCTGAATGCTACTATCTACTTCTGAAGAACCTGGAAA
TTTTGGGGTAGATCCCTCCCGGGTGGTACTCTGTGGAGACAGTCTTGGAGGTTGGGCTGTGGCCACGGT
CACCCAGGTCTTAACAAGCATGCCAAATCTACCTCGAATCCAGACTCAAGTCTTGATTTACCCAATTCTG
CACTTCATCAATTTTCAGTTACCATCATATCAGCAAAACAAAAATGTGCCATTTCTTACCAGAGACATGT
TGCTTATGTGTGTTTGAATACCTGGCCATTGATCTCTCTTGGACAGATGCCATGCTACAGGTGCAGT
TATACCTCTGGACAAGTGAAGAAGTACAGGAAATGGCTCAGTTATGATAACATCCCGAAGGTTCTGG
AGACAAGACACACAACCTGAGGTTCTTGGACCTTCAATGAGGCTGCTTATCTAGAAACCAACATGTTT
GGAATGCAGAAATTTACCTCTCCTAGCAGATGACAAGATCATTGCTCAGCTTCTAAGACATTCCTGGT
GAGCTGTGAACATGATGTTCTCCGAGATGATGCCTTGCTCTACAAGAGCGCTTGAAGACCAGGGGATC
CCTGTGAGCTGGTACCATGCGGAGGATGGCTTTCATGCATGCATCAATTTGTTTGATAAGCAGCCTTTCT
CTTCCCTGCTCCATGAAAGTTACAAATGCTGTTGCCGTTACATAAAAGACATGTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001126316
Insert Size:	1182 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_001126316.1, NP_001119788.1</u>
RefSeq Size:	1432 bp
RefSeq ORF:	1182 bp
Locus ID:	329993
Cytogenetics:	4 E1