

## Product datasheet for MC214972

### Gm5538 (NM\_001101531) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Gm5538 (NM_001101531) Mouse Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | Gm5538   |
| Synonyms:                 | 433597   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >MC214972 representing NM_001101531<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGATACAAAATTCTGTGTTTTGGGTTGTTCTGTATTCTCTTTGCTTATTATATTTATATTCCAATGC  
CTGAAAACATTGAAGAACGCTGGAAAATTCAGTTTCTGGATGCTGGTGTGAAAATGTTGTCATTTATGGG  
CAAAATGTTTGAATCATGGGTCTTATGAAATATGAAGACGTTTTGTCCATATTAGTGAAAGTACAACCTG  
ACAAAACCTGTTTCAGATGAAAACATTACAGTGATCGACACAGACTTCAGTGACATCCCTGTTTCGCTGT  
ATTTACCCAAAAGGAAATCTGAAAACAGAGACCAGCTGTGATTTTCATTCATGGTGGTGCCTTTACCTT  
AGGAAGCTGCAAGATGCTTCCCTATGACTACCTGAACCGATGGACAGCAAACAAGCTTGATGCTGTTGTT  
GTGGGAATAGACTACAGGCTTGCTCCTCAGTATCCATTCCAGCTGCCCTTGAAGATTGTGTTCTTGTA  
TAAAGTACTTTCTCCAGGACACAATTCTTAAAAAGTATGGAGTAGATCCCACTCGCATTTGTATTCTGG  
AGACAGTTGCGGAGGTACTGGAACAACAGCAATTCATTGCTCCAGAATAATCCAGAACACAAAAGAT  
AAAATTAAGGCACAAGCCTTGCTATATCCTGGACTACAGTTTATCGACACCTTGATGCCATCTCATCGAA  
TCAATGAACATGGTCCCTTTCTTCAAGGGAGATAGCAATTAAGTTGGCATACTTATATGTGACTGAAGA  
TACAGCATTGGTCCAGGCTATGCAGAGAAATGAACACATGCCCAAAGGATCAAGACACCTGTTCAAGTTT  
GTTAACTGGAGTGACTTCCTTCTGAGAAGTATAAAAAGAACTATGTTTACTGACTGAACCCACTCTGGAA  
AGCTAAATGTTTTCTATCCAGCACTTTTGGATAGCAGGCTATCCCTTTGCTAGTCAATGACTCCCAGTT  
ACAGAGTTTGCCATTAACGTACATCCTCACTTGTGAACATGACATCCTAAGAGATGATGGTCTTATTAC  
AGCACACGGCTTAGAAAATGTTGGGTTCAAGTTACTCATGACCACATAGAAGACGGGATACATGGAGCCA  
TATTACTCATTACAGTGCCATGCAATTTACATTTAGCAGTAAGAATAAGAGATAAATACATCAGTTGGTT  
AGAAAAGAACTTA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001101531  |
| <b>Insert Size:</b>           | 1206 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001101531.1</a></u> , <u><a href="#">NP_001095001.1</a></u>   |
| <b>RefSeq Size:</b>           | 1303 bp   |
| <b>RefSeq ORF:</b>            | 1206 bp   |
| <b>Locus ID:</b>              | 433597  |
| <b>Cytogenetics:</b>          | 3   |