

## Product datasheet for **MC215361**

### Gm7609 (NM\_001081746) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gm7609 (NM\_001081746) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gm7609  
**Synonyms:** EG665378  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC215361 representing NM\_001081746  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAC**TCGTCTTCTGAGCATTGCAACGTATCTGACTGGCTGAGACTAGAGGCAACCGTGAAGGCCTCTG**  
**TGTACGTGGTGGCTTTCTCAATCACCACATCTCTACCGTTGTCATTATCGCAATAGTGTCACAGAGTCT**  
**GCAGCTGAGGAAAGAGGTGCCGCTGGTCCTCCTCTGCCATCACCTGCTTTGTATCTCCTCCTACTGTGGC**  
**CTGGGGTTCGTCTTCCAAGGAATGCGGGCCTTACTGGCCAACAGCCCCCTCTGCTGTGTTGGCTGGTAT**  
**TTGGGGCGCAGCTAAGTGTGGGAGAAGGGATCCTCCTTACTCTGACCTTGATGGCTCTCAATACTTACCT**  
**CGCTATTTGTTATCCATTGAACTCTCCATCCTTTGTGGATTCTGCTAAGTACAGGATTCTAGCTGGGACT**  
**TGGACCACGGTTATACTCAAGAAATGTTGGCTTATTCCTCATAGAGGGTACTAGCCCTACTCCGGCCTCTG**  
**TTTTCCAGTCTGCCCCACTCTGTCCTGTGATTTGAATGGTATGCCTGCCAGAGTCATTGGCATGTTTTTC**  
**CCTTGCCTTTCTTTATCCGTATTCTTGTGAGTACTGTCTGATATACCGAGAAGGAAGTGGGCTGGC**  
**CATTTTAAACAAGTCAAACATCAAGGCCGGAAGACTGTCCTTGTTCATCTACTGCAGATAAGCTTACATG**  
**TGATACCTACCCTGATAATCATAGTTTGGGAAAGCGGTGTGGGTGTTTTCTTTGCTCTAAATCTGGC**  
**CCTTTTTGGTATCTTCGCTTTTGACAGTGTTCACCATTGGTCTATGGGCTCCACAACAGAGATCTG**  
**CAGAGCAAACGTACCCTTGGCTGTGCTGTCGGAAGAAGCTGCTGCCTAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001081746  
**Insert Size:** 891 bp



[View online »](#)

<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_001081746.1</a></u> , <u><a href="#">NP_001075215.1</a></u>
<b>RefSeq Size:</b>	1621 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	665378
<b>Cytogenetics:</b>	1 C5
<b>Gene Summary:</b>	This gene is one of several duplicated genes in a repeat cluster in the homogeneously staining region (HSR) of chromosome 1. It is an Sp100-rs gene copy, which arose by duplication following the fusion of the Csprs (component of Sp100-rs) gene and the 5' part of the Sp100 (nuclear antigen Sp100) gene. The coding sequence of this gene is intact compared to that of the Csprs gene, and therefore NCBI represents this as a protein-coding gene. However, it is also possible to interpret this fusion gene as a pseudogene of the Sp100 gene. It is unknown if this gene produces a protein in vivo. [provided by RefSeq, Mar 2011]