

## Product datasheet for MC207031

### LOC100036568 (BC040090) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: LOC100036568 (BC040090) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: LOC100036568  
 Synonyms: 100041501; Gm17143  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >BC040090

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTTTTCTTGGCTGCTCAGGCTATTTAGAAAAGAGAATGGCGATGAAGGAGAGACCAGACCAACAGAGA  
 AGGAAGAGGGAATCCTTTCTCATGAAAAAGGAAGAAGAAATCATTCTGGAGAAGGCACAGGTCTGCTAG  
 AAATACTCAACCCAAAATTCAAAATGACTAAGAAGAGATCAAAAAGAAATGAACTAGAAGAAGTAAA  
 TTGGATATGAGGAAGATCAGCAATGACATGGAGGAAATGTGTGGAATCCTGAACCTTTACATGTATGAGG  
 ATTTGAACTACAGGATGAACACTGAATTC AACATCATTAAATCACAACATGAGAAGACAATGTTGGATAT  
 GAATAAATGATCCAGTCCATAATTGGTCCATGCAGTATTCCAAGGAACTGATAGAAGATAACTATTCC  
 TACAGCATTAAAGGAGGACCACCTCCTCCGTGAGTGCACCTCAACTCAACGAAAACATAAGGATATTACTGA  
 ATGAGAACAGAAGCCTGCTGGTGGAGCAGGCTGGCCATAAGTGTCTGTGGGGAAGAAAAAGGTTCTCT  
 GAGGAGGCCAGCAAGAACATCTGTGTCCAAGTGCCAAGGAACAGCAGTGTGATATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: BC040090  
 Insert Size: 618 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).



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<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="#">BC040090</a></u> , <u><a href="#">AAH40090</a></u>
<b>RefSeq Size:</b>	2156 bp
<b>RefSeq ORF:</b>	617 bp
<b>Locus ID:</b>	100036568
<b>Cytogenetics:</b>	14 A1