

## Product datasheet for **MC228862**

### Gm960 (NM\_001033447) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm960 (NM_001033447) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm960
Synonyms:	Top6bl; TOPOVIBL
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228862 representing NM\_001033447  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGGGAAGTGGAGCCTGGTCCCAGGCACCGCCCGCAGAACAGAAGGCCAAAGCCATCTGGGGTCTAGAG  
 CCAGCTTGGGAATCCTGCACTACGCAGCCGCGGCTTCCAGGGAGCAGCCCTGGAAAACGCCGAGGGCGG  
 ACAGAGCGCTTTGAAAAGGGCCGAGGGCGGTGTCTTGGCGAGACCGTGGGAAAGTCTCAGGAGCAGTCGC  
 CGCCCGCCTCTCCCGCTCGCTCCAACCTTGGCAGATGCGCCACCTGTCTCCCGCCACCCGCCTA  
 CGGATGCGGGCCGCTGGGGCAGCTCCCGCAGTGCAGCGCGAGGGCTGGGGCGGGCGGACGCGCG  
 GTCAGGCGGGAAGGACTGCCCGCGTGGGCGCCCTCCGGGTGGAAGCCCTAGCTGAGGAGGAGGCTGTG  
 ACCAACTGGCAGTCCCAGAGCTGCAGCCGCTCTCCTTACAGAATGGAGAGGACGGCTTTGGCTGTCTGTG  
 AGATTTAAGATATTTAATAATTCAGTGGAAATGTGAGGCAGGAACAGCAAAGGGAACATTGCTGGATGG  
 GCAGCTAGTGATTTCCATAGAAGCGTTAGTTCTAAGCACCTGCCAGATTCTCTGCATTGATAATAACT  
 ATTGCTTCTACCGAAGTGTATGGTGGCTTGAACCTCAAGAAGTTTCTACAAGAAATACAGCCTGCGC  
 TACCCAGGCTCTCTGCAAGCTGGCTCTGGCTCAGAGGAGGGGGCCGTTCTCAAGACGCATCAGGCAT  
 AGCACCTGCCAGGTGACTTTTGGAGTTGATGAAAATTCTCAAAGTTTGTGACAGACTGTCTGGTTATA  
 AAGCACTTTTACGAAAATCATCATAGTTCATCACAAGCTCAAGTTTCTTTCAGTGTCCGGTGAATG  
 GGACCCTCTGCAAGAGACCTTCGGGGCAGAGAATGAACCTACTTTGAGACTGGACAATGGAGTCACTCT  
 TGTTGTGGGCTCCAGCGCTATGTGAGTAAACCAAGTTGAATGGAGTGAAGCACACTGCAGCAGAATC  
 CACCCTGTCTAGGGCATCCGGCCCACTGTTTCATCCCGATGCCAAGGCCGACACGGCCCTGCTGGGAG  
 AACTGACACTGACTCCGGCTGCTGCTGTGCCCCAGCCCCAAGGGCTTCTCCAGCCAACGTGTCAGGAT  
 TTCTTCAGTTTCCATATTTCTATATGGACCTTTGGGTCTGCCTCTGCTATCATCAGATCAGGATCAGCCA  
 AGTACAGCTGTCTCAGAGATACCTCTTATTTCTGACTGGAAGAAATACAATTTGTTTATGGTCCCCA  
 ATTTGGATCTCAATTTGGATACACAGTCTGTGCTTCCAGATGTGAATTATAAAGCAGAGTCGCTGAGGG  
 GAATCAGTCTCAGAATATGAACGCACAGGGACCAGCTCTGCTACTTTTCTATTTGTGGATTTCCAAAGT  
 GACGTCCAGTACAACAAGCGAAAATCTGGGGACTCCACACTCTGCTCACAGCCCATCTCAGCGCCATCC  
 TCTCGGAGAGCCGACGACGGTACAGCAGTCCATCCAGTCACTGTGGATCAGGTCTGGCAGCTGTACCA  
 CCATGATGCCAAGACTCAACAGAGACTGCAGGCCCTCCCTCTCTGTGGCTGTGAATCCATCATGAGTGTG  
 TTGACTGGAAGCACCCGACGAGCTTCCAGGAAGACATGCCTCCAGGCTTTGAGGCAGCTGACACACAGG  
 AATTTGGTGTCAAAGTGCACAGAATATTTATGATATCACCCAGCACCAATTTCTGAAGCATTGCTCATG  
 TGACACAGAGCAGCACCTGACTCCAGAGAAAAACATTTAGCCCGAAGACCAAAAGACCAGCACAAGAAT  
 ATTGCCAGGAATCCCTGAAGAATCCATCGGGCAAGCAGAAAACAAGAGGCCCAAGAGGGGCAGCCCCA  
 ACCATGGCAGGGAAGAATCGCGAGTCTGGGCTCAGCAAGAGACCGGAGCCCGCCAAAATCCGCCACGCG  
 CGACCCGAGCTCACCGAGTCTCCCTCACTGCTAGAGGATCGCAGACCAAGCGGCCACGGCAGGGCC  
 CAGGCGGAGAGGAGCTAGCCCTGCGGGCGCCCTGGAGGTACCGCAGCGAGAGCAGGGCGGGTGGGGC  
 CTGAGCTACCACCGCGGGTCTCACACCAGCCCTCTCTGCTCCCGCAGGACTTGTGGCTACAGGAGGTA  
 TCCAATCTGTCCGAGTGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001033447  
**Insert Size:** 2262 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>NM_001033447.3, NP_001028619.2</u>
<b>RefSeq Size:</b>	2262 bp
<b>RefSeq ORF:</b>	2262 bp
<b>Locus ID:</b>	381196
<b>Cytogenetics:</b>	19 A