

## Product datasheet for **MC217711**

### Ighg1 (BC024405) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ighg1 (BC024405) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ighg1
Synonyms:	IgG1, VH7183
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC024405  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGTTGTGGCTGAAGTGGATTTTCTTGTAACTTTTAAATGGTATCCAGTGTGAGGTGAATCTGG  
 TGGAGTCTGGAGGAGCTTGGTACAGCCTGGGGTTCTCTGCGTCTCTCCTGTGCAGCTTCTGGATTAC  
 CTTTACTGATTACTACATGAGCTGGGTCCGCCAGCCTCCAGGGAAGCACTTGAGTGGTTGGTTTTATT  
 AGAAACAAAGCTAATGGTTACACAACAGAGTACAGTGCATCTGTGAAGGGTCGGTTCACCATCTCCAGAG  
 ATAATTCCAAAGCATCCTCTATCTTCAAATGAATGCCCTGAGAGCTGAGGACAGTGCCACTTATTACTG  
 TGCAAGAGATAGGAGGAGTTCTTATTACTACAGTGGTACCTCCTTTGCTTACTGGGGCCAAGGGACTCTG  
 GTCAGTGTCTCTGCAGCCAAAACGACACCCCATCTGTCTATCCACTGGCCCTGGATCTGCTGCCAAA  
 CTAACCTCATGGTGACCCTGGGATGCCTGGTCAAGGGCTATTTCCCTGAGCCAGTGACAGTGACCTGGAA  
 CTCTGGATCCCTGTCCAGCGGTGTGCACACCTTCCCAGTGTCTGCAGTCTGACCTCTACACTCTGAGC  
 AGCTCAGTGAAGTGTCCCTCCAGCACCTGGCCAGCCAGCCGTCACCTGCAACGTTGCCACCCGGCCA  
 GCAGCACCAAGGTGGACAAGAAAATTGTGCCAGGGATTGTGGTTGTAAGCCTTGATATGTACAGTCCC  
 AGAAGTATCATCTGTCTTCTATCTTCCCCCAAAGCCCAAGGATGTGCTCACCATTAAGTCTGACTCCTAAG  
 GTCACGTGTGTTGGTGTAGACATCAGCAAGGATGATCCCAGGTCAGTTCAGCTGGTTTGTAGATGATG  
 TGGAGGTGCACACAGCTCAGACAAAACCCGGGAGGAGCAGTTCAACAGCACTTTCCGTTTCAAGTCAAGTGA  
 ACTTCCCATCATGCACCAGGACTGGTCAATGGCAAGGAGTCAAATGCAGGGTCAACAGTGCAGCTTTC  
 CCTGCCCCATCGAGAAAACCATCTCCAAAACCAAGGCAGCCGAGGCTCCACAGGTGTACACCATTC  
 CACCTCCCAAGGAGCAGATGGCCAAGGATAAAGTCAGTCTGACCTGCATGATAACAGACTTCTTCCCTGA  
 AGACATTACTGTGGAGTGGCAGTGGAAATGGGCAGCCAGCCGAGAACTACAAGAACACTCAGCCCATCATG  
 GACACAGATGGCTTACTTCTGCTACAGCAAGCTCAATGTGCAGAAGAGCAACTGGGAGGCAGGAAATA  
 CTTTACCTGCTGTGTTACATGAGGGCTGCACAACCACCATACTGAGAAGAGCCTCTCCCACTCTCC  
 TGGTAAATGA

**ACCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** BC024405

**Insert Size:** 1410 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:**

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: BC024405  
RefSeq Size: 1643 bp  
RefSeq ORF: 1409 bp  
Locus ID: 16017  
Cytogenetics: 12 62.1 cM