

Product datasheet for **MC217712**

Ighg1 (BC057688) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ighg1 (BC057688) 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: >BC057688
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCTGTCTGGGGCTGCTCCTCTGCCTGGTGACCTTTCCAAGCTGTGTCTGTACAAGTGCAGATGA
AGGAGTCAGGACCTGACCTTGTGCAGCCATCACAGACTCTGTCTCACCTGCACCTGTCTCTGGTTCTC
ATTAAGTAGTATGGTGTACATTGGTTTCGCAAGCCTCCGAGAAAAGGATTGGAATGGTTGGGAGGAATA
TGGTCTGGTGAAGCATATACTATACTCCAGCTCTCAGTTCCTGACTGAGTGTCAACAGGGACATCTCTA
AGAGCCAAGTTTTCTTTAAAATGACCAGTCTGCAAAGTGAAGACACGGCTGTGTACCACTGTGCCAGACG
TGGTAGCTACGAGGACTTCGATGTCTGGGGCGCAGGGACCACGGTCACCGTCTCCGACGCAAAAACGACA
CCCCCATCTGTCTATCCACTGGCCCTGGATCTGCTGCCAAACTAACTCCATGGTGACCCTGGGATGCC
TGGTCAAGGGCTATTTCCCTGAGCCAGTGACAGTGACCTGGAAGTCTGGATCCCTGTCCAGCGGTGTGCA
CACCTTCCAGCTGTCTGCAGTCTGACCTCTACACTCTGAGCAGCTCAGTGACTGTCCCCTCCAGCACC
TGGCCCAGCCAGACCGTCACTGCAACGTTGCCACCCGCGCCAGCAGCACCAGGTGGACAAGAAAATTG
TGCCAGGGATTGTGGTTGTAAGCCTTGCATATGTACAGTCCCAGAAGTATCATCTGTCTTCATCTTCCC
CCCAAAGCCAAAGGATGTGCTCACCATTACTCTGACTCCTAAGGTCACGTGTGTTGGTAGACATCAGC
AAGGATGATCCCAGGTCAGTTCAGCTGGTTTGTAGATGATGTGGAGGTGCACACAGCTCAGACAAAAC
CCCGGGAGGAGCAGTTCAACAGCACTTCCGTTTCACTCAGTGAAGTTCATCATGCACCAGGACTGGCT
CAATGGCAAGGAGTTCAAATGCAGGGTCAACAGTGCAGCTTCCCTGCCCCATCGAGAAAACCATCTCC
AAAACCAAGGCAGACCGAAGGCTCCACAGGTGTACACCATTCCACCTCCAAGGAGCAGATGGCCAAGG
ATAAAGTCAGTCTGACCTGCATGATAACAGACTTCTTCCCTGAAGACATTACTGTGGAGTGGCAGTGAA
TGGGCAGCCAGCGGAGAACTACAAGAACACTCAGCCCATCATGGACACAGATGGCTCTTACTTCGTCTAC
AGCAAGCTCAATGTGCAGAAGAGCAACTGGGAGGCAGGAAATACTTTCACCTGCTGTGTACATGAGG
GCCTGCACAACCACATACTGAGAAGAGCCTCTCCCACTCTCTGGTAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC057688

Insert Size: 1383 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: [BC057688](#)
RefSeq Size: 1657 bp
RefSeq ORF: 1382 bp
Locus ID: 16017
Cytogenetics: 12 62.1 cM