

## Product datasheet for **MC216218**

### Gm6588 (NM\_001177504) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm6588 (NM_001177504) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm6588
Synonyms:	EG625464
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216218 representing NM\_001177504  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGTCCCAAGGTCAAAGTTACCCAAAGTGGAACTAAGGGCAGACGTGCTACCATCTTTCCCCAGA  
GAGAAGGAGCCAAGACTTTGATACCCTCTGCAATCCCTGCTCAGCTTGAAGAGACTGCTTTCCTGACACC  
CAGCTACAGGACTATCCTGAGCAGGAAAAGGGCCTTGATGACGTGAGGTGAGATGGCCAGAGCTAGTC  
TGCAAGGAACAGAAGGTAATGGGAGAGGATTCATACGATGTAGGATCCCATATCTCGACAGAAAGCTCA  
CAGACGTAAGCTCCTGTTCTCAGAGGCTAGCATCAGCCTCAAAAATCAGGAAAGCAGCCACAGTGAGTT  
CCACAACCCCTCAGATTTCCGGGCTGCCTTTCAGAGGCTCCTTATGTGACCATTCTCAACAGCTACCTG  
AAACCAGAGTCAATGACACGGCTGGAGAAGAAGATGAGGAGGAGACCCTGGTGTCTATGAATCAGTTGG  
AGCAGGAGAAGGAAGCTGCTAAGTTTCGGAGGGCAGTGTGCTGAAGGACACAAGGGAATTCAGAACGA  
AAAGTCTTACGAGGAAGCAGAGAACAAGGCCTTCTTGAATTCCTGATGAAGAAAACCAGAAAACCCAG  
GAGAAGTATGACTCCCTGTGAAAAGATTACATCCAGCAGTATCAGGAGATCGAGGACAGGAGCGAGAGA  
TGGTCTCTACCTTACCTCCCGCACCGGAAGTCTCCAGAAGCAGCTGAAGGAGAACAAAAAGCTCGAGGC  
CAGCTTGAAGAAGAAGCTGAAGGCTCTGGCTCCCATCGCCAACATAAAGGAGAGCCAGGACTGGGAGATA  
GAAACCTTAGAGCTGGAGAAAGCCAGCATAGTAGCTGACATCCCTTCTGGACCGGAGGCACACCTTC  
AGTTCTGAAGGAAAGGGCCGCTTGGCGAAGCAAGTGGAGGATCTGAACCTGCTGGAGTCTGGAGAGGA  
CATCACCAGGGAGCTAAGAAGAAGACCAAGGCCTGGGATACCGCGCCAACAGGCTTACGAGGACTTC  
TGCCACAACATCAATGCTCGGAACAGGCAACTGCGAACGGAGCTCCAGCAGCTGGATTGGGAGTTTGA  
ACCTGGAGGATAGGAGGGAGAAGCTGGAACGGAGAAAAGCAGCGGTGAAAAGAGCAGCAGTGGTACCTGGA  
GGCTCTCACCCGGGGAGGGAGCGCTGCAGCAGCAGGAGCACCGCAGGCAGCAGCGGGAGCACCCGAGG  
CAGCAGTGGGAGCACCCAGCACTGGACCATCTACTGGGTGCCAGGCAGAAAGCCAATCCTAAGAAATGGC  
TGCCACGTCCAGAAAGCAGACTGGAGCTGAAGCTGGGACACTACACAGAGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001177504

**Insert Size:** 1386 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: NM\_001177504.1, NP\_001170975.1  
RefSeq Size: 2313 bp  
RefSeq ORF: 1386 bp  
Locus ID: 625464  
Cytogenetics: 5 F