

Product datasheet for **MC222482**

Gm597 (NM_001013750) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm597 (NM_001013750) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm597
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222482 representing NM_001013750
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATAGCATTATTGACTTATGGAGGATCCCCAGCTCCATGTCTATGGTACTGGACATGACCTTTGCCA
TTATACTTGGAGTGGGGATCTTTTACCTACTAATCCCTTTCTGAAGGAGTATCCAGAGTACCACCATC
TGGGAGCAAAAACAACATCCGAAAGGTGGTGAAGATGGGGCAGAGGAAGGCCAGTAAGGAAACTGCTACT
TTAACAGGTTACAGAACTTCCAAAAGAAATGCACAGGATGCCAGAATGCAATATGGCCTGTGAAAGCC
CAACTCAGTATCATTACTGGACTCCTCTCCTCATTCTCTTGTCTAATAAGAACTGAAACAACCT
TTCCCTCCTTCAGCTGTTTTCTAAACTCAAGGTATTAGAAAACCCATACAGCAACTTTTAGGAAGTATA
CGTTCTGAGTTCAGTATTCAACTGTGCCTACTGTCTGCAACTCCAGAAAATCCCAAGCGAAAGTAAAA
CAGTGAGGTTTAGTAGTAACTTGACAGTGCCCAAGCTCTAGGTTTAGCTAAAGAACCTCCACAGTTTTG
TCAGGACCAGACATTGTCTACCAACCTGTGCCACCAAGCTTGGTAGGTGTGACAGAGGTTCCAGGAACA
GAAAACCTCCCAAGCTCTATACAAAACAACACCTCCTCTTTTCAGTGTAGGGTCCGTAGAAAAGTCC
TTCGCAACACTGATATAGGGATACAGACATCCCTTCCATACATAAATGAACCAGGTCAACCTGAGCTGAA
TTGAAATATATTAAGTGTGATGTCCAAAATGCCAAATAGCCTTTGACCAACCCATTGACAACCTTG
TCCAAGGGCACCTGCCATTAAAGCTATCCAGTCAGTCTTATCCTTCTGAGCATTATCAAAATAGTCT
ACCATCATGAGGACCCACAGCAGGAAGAGAAGGTAATTAACATGGGAGAACAACAAGAAAAACATGTCAG
ATTCCTCCCATCTGAGGAACAGCCACAGCTTCCAGGAGCTTTCCAACAACAGCGGTGGTTATTGCAAG
AACCTGCCGTAACCAACAGCTGCCAGCCCTCCATCCACAATCCCGAAAAATACAAGTGGAGCAAGA
TGGTGGGTCCGAACTCACAGGGATGCTTTAAACAAGGCCAAAACAAGTTTGGCACACTAACCCAT
CAAGAAGTCTCAGTGTTAGTGTGCAAGACTGACTCAGGCTTCAAGCAACACCCCTGGGAAGGGTCTG
GAACTTGAACCTTCCCATGAAGAGAGACATGCTGTCCACTAAGAACAACAAGTGAAGACCTTCTCTTCC
TTGATCCAAAGACTCAAATGAAGCTGGAATTGAACAGCATGCAGTTTCCCGAAGAACACAGAATATTGCC
CAGTGTCTTAAGGCGGAATATTATTCAAAGGCTGCCAGGATCCTGGAAAAATTACATCACCAGGATCCA
GGAGGGACAAGGATAGAACTGTGCTTCTGCCAGACTGCGACACTCTTTTCCAGAGGTTCCAGGAGATCC
AAAGAACCCTTACCTGCTGCCAGCCATGGGCCCTCAAAGTCCCATTCCAGTCAAGGGGAGAGATATT
TAATGTTCCAGCCAAATGCTTTCTGGTCCCAGGAAAAACCCAGCAGTGCAGGAGTATTGTAGGAAGTGGG
AGAGGCATCCTGAAAGGAAGTACCAGCCCAAAATGTGCAAACATGCACCATGGAAGATGTCTGAGCATG
TGGTTTCCAGGACATCTCAGCTGGAATGCAACAAGACCAGGCCAGAATACTGTGCCCCCTTTCACAGGC
CAAGGAAACCTACACATTGAAAGTAAAAGAAAAGACACACGAAGAGAGGCCAGGGATTTTGAACCTGGA
GGCATAAACTCTTTGAAAGAAAGAAAGTCCCTACCAGTACTGAACAGACAGGCAAGGTAGTAGATGGAG
TAAACCTGTCTATGGTAGTACATTTGAATTACAAGCCCTCATTAAATGCTCTGGCTCAGAACCTGGAGAA
AAGTGTAGACAACCCATCAAACCTCATCATAGTTCCTGTGACCCAGGTACAAGAGGATAAGACAGAATCA
GTGGAGGCATCCAGCTAGTTGGCTCTTCTCACTACTCTGAGGTCCTCCATGAACCAACCATAGCACAC
TAGGAAGTGGAAATGAGCAGTAGCCACAGGAGTCTGAGGAGCACAGTCAACATTTCAAGTACAACAGAAC
TGAACATAAGCTGCACTCAGGCATCAATGCCAGAGAGCCTCGAACAAGATCAGATCAAAGTGAAGGGA
GGATTAGGCTTTTTCCAGCTCCCACTCCCATGGGGAATGACTATCCTTGTAGTTACAGAGGAGATGGTA
ACAAGCAGCAGTCCGGTCTTTCTGACCAGAAATCCAGTGAACCCAGGTCAAAGTGGAAATAAAATTTGAAT
GGGAGACTCTCCACATGGAAGCCCAAGTGGCACAAGCACTCATTAGATACACAGGAATATAGACAAA
CAGGAGTCAGTTGTTGACCATAAAGTTTTTGTCCACATCAAAAATACAAAGAAAGGAGTGGGCCGTGGTC
CACTAATGATCCCAAAGATAACCATCCAGTCAAGTACAGGGAACTGGAGTCCAGGAGCAGTTTGTCT
TGTTGCCAGGGAGCCTATGACCGGAGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013750

Insert Size:	2691 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:	<ol style="list-style-type: none">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:	<u>NM_001013750.1</u> , <u>NP_001013772.1</u>
RefSeq Size:	2882 bp
RefSeq ORF:	2691 bp
Locus ID:	210962
Cytogenetics:	1 A5