

Product datasheet for **MC219175**

Ggt5 (NM_011820) Mouse Untagged Clone

Product data:

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|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Ggt5 (NM_011820) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ggt5 |
| Synonyms: | AI551243; GGL; GGT-REL; Ggtla1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC219175 representing NM_011820
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTGGGGTACAGGGCCACGGTCTGCCTGGTCTGCTGGGTGTAGGTCTAGGTCTGGTTATCGTTG
 TGTGGCTGCGGTCCTTTCTCCTCGTCAAGCCTTTGTGGTCCCGGTGCCTTCACGCGTCTGCGGTAGC
 GGCTGACTCCAAGATCTGCTCGGATATTGGACGAGCCATCCTCCAGCAGCGGGGCTCACCTGTGGATGCC
 GCCATCGCTGCCCTGGTCTGTAAGTGTGTTAAACCCTCAGAGCATGGGTCTGGGCGGAGGGGTTGTCT
 TCACCATCTACAATGCATCAACAGGCAAGGTAGAGATCATCAATGCACGGGAGACAGTCCAGCCAGCTA
 TGACCAAGGCCTGTTGAACCAAGTGTAAAAACGTCCTGCCATTGGGCACAGGGGCCAGTGGATCGGGTT
 CCTGGGAGCTCCGCGGCTATGCTGAGGCCACCGCCACGGCCGCTGCCTTGGGCTCAGCTTTTCC
 AGCCACCATTGCACTGCTCCGAGAGGGTTTCCGTGTGCCCTTATCCTCAGCCAATTCCTCAACAACAG
 CATCCTGCGGCCCACTTGAGTGCATCAACCCTGAGACAGCTTCTTCAATGGGACAGAAACCTTGAGA
 TCTCAGGACCCATTCCCATGGCCTGCGCTGGCCAAACACCTGGAGACTGTAGCCAAGGAGGGTCCGGAGG
 TCTTATACACAGGGAGACTGGGCCGATGCTGGTGAAGACATTGCCAAGCAAGGAAGCCTGCTGACAGT
 TCAGGACTTGGCTGCCTTCCAGCCTGAAGTGGTGAACCCTGGAGATGCCCTAGGAAACTATACCCTG
 TACTCGCCGCCCGCCTGCAGGGGGCGCTATTCTTAGCTTATTCTCAATGTGCTGAAAGGGTTCAACT
 TCTCTGCAGAGACGGTGGCGGGCCTGGAGGGGAAGTGAACATGTACCATCACCTTGTAGAGACTCTCAA
 GTTCGCGTAGGGCAGAGGTGGCGGCTATGGGACCCTTCCAGTCAACCGGGGATACAGAACATCTCCCG
 GACCTCCTCCGGAAGATCTAGCCAGCGCATCCGCCAGCAGATTGACGGCCGTGGTACCACCACCAGC
 TCAGCCATTACAACCTGACTGGGGTCAAGGGCAACCGGATGGGCACCTCATGTGCTGTGTTGGGAGA
 AGATGGCAGTGTGTGGCAGCCACCAGCACCATCAACACACCCTTTGGGCGATGGTGTACTCCCCACGG
 ACAGGCATCCTCTGAACAACGAGCTTCTAGACTTATGCTGGAGACACATGCCAACATCCCGATCACCC
 CTCCACCTGTTCCAGGTGAGCGGCCACCATCTCCATGGTACCTTCCATCTTGGTCAACAAGGCCAGGG
 ATCGAAGCTGGTGTGCGTGGGGCAGGTGGAGAGCTGATCATCTGCGGTGGCCAGACTATCATGAAC
 AAGCTGTGGCTTGGCTTTGACCTGACAGAAGCTATCGCATCTCCTATTCTACACGTCAACAGCAAGGGCC
 ATGTGGAGTATGAGCCCAAATCAACCAGGAGTACAGAAGGGGCTACAGGACCGAGGCCAGATTACAG
 CCAGAGCCAGCGCCAGTTTCTCTGAATGCGGTCCAGGCTGTGTTTCAGGAAGGGCCCTGCGTCTATGCA
 CCGTCTGACCTGAGGAAGGCTGAAAGGCTTCAGGATAC**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_011820

Insert Size: 1722 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_011820.4](#), [NP_035950.2](#)

RefSeq Size: 4137 bp

RefSeq ORF: 1722 bp

Locus ID: 23887

UniProt ID: [Q9Z2A9](#)

Cytogenetics: 10 C1

Gene Summary: Cleaves the gamma-glutamyl peptide bond of glutathione conjugates, but maybe not glutathione itself. Converts leukotriene C4 (LTC4) to leukotriene D4 (LTD4).[UniProtKB/Swiss-Prot Function]