

Product datasheet for **MC200725**

Ggt7 (NM_144786) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ggt7 (NM_144786) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ggt7
Synonyms:	1110017C11Rik; 6330563L03Rik; Ggtl3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC005772 sequence for NM_144786
GGCGCTGCGCTGCTGGGGTTAGGGCGAGGATGGCGGCTGAGAACGAGGCTAGCCAGGAGAGCGCCCTAG
GCGCCTACTACCACTGGACTATATGAGCATCACCAGCTTCCCGAGGCTGCCGGAGGACGAGCCAGCGCC
TGCGGCCCACTGAGGGGCGTAAGGACGAGGACGCGCTTCTTGGGAGACCCGGATACTGACCCGGACTCC
TTCTCAAGTCTGCCCGCTTACGCGGCTGCCTTCGTGTCATCGGAGATGGGCAGCCAGGACGGGTAC
CATTACGGGAGACTCGCAAGGACCCATTCTCAGCTGCAGCAGCAGAGTGTCTTCCGCCAGGATGGGCT
CAGGTCATTGTCACCGCTGCCTCACTTTTCCACAGGTGTACCCTGGCGCTGGTCATGCAAATCTAC
TTCGGGGATCCCCAGATCTTCCAGCAGGGTGTGTGGTGACGGATGCCTCCCATTGCACGGCGCTGGGCA
TGGAGGTGCTCAGTAAACAGGGCTTTCAGTGGATGCAGCTGTGGCCGACGCTTGTGTTTGGGATTGT
GGCTCCACACAGTTCTGGCCTGGGCGTGGGGCGTGATGTTGGTACATGATATCCGGCGGAATGAGAGC
CACCTAATTGATTTCCGGGAGTCTGCACCCGGGCGCTCAGAGAAGAGGCTCTGCAGAGATCCTGGGATA
CCAAGCCTGGGCTCTTGGTGGGGTCCCGGAATGGTAAAGGGTTACATGAAGCTACCAGCTCTATGG
CAGGCTGCCCTGGTCCCAAGTCTGGCCTTCGACGAGCTGTGGCCCAAGATGGCTTCAACGTGACCCAT
GATCTAGCTCATGCCTTGGCTGAGCAGCTGCCTCCAATGCATCTGACCGCTTCTGGATACTTTCTGC
CACTGGGCCACCCACCTTGGCTGGCTCCCTGCTGCGACGGCCTGATCTCGCTGAGTACTGGATATACT
CGGCACCTCTGGCCTGTGCCTTCTACAATGGTGGCAACCTCACACTGGAGATGGTGGCTGAGGCTCAG
CACGCAGGTGGTGTACATAACCGAGGAGGACTTCAGCAACTATAGTCTCTCACGGAGAAGCCTGTGTGTG
GAGTGTACCGAGGCCACCTGGTTCTCAGCCCCACCCACACAGGCCCGGCCCTCATCAGTGTCT
CAACATCTGGAGGGCTCAACCTCACCAGCCTGGTGTCCCGTAGCAAGCGCTTCACTGGTAGCAGAG
ACCCTGAAGATTGCATTGGCCCTGGCTAGCAGACTGGGAGACCCTGTCTATGATTCTACCATCACTGAGA
GCATGGACGACATGCTCAGCAAGGTGGAGGCCCAACTCCGGGGCCACATCAGTACTCTCAGGCAGC
CCCTGCCCCACTCCTGCCTGTCTATGAGCTGGATGGGGTCCCCTGCTGCCAGGTGTGGTGTATGGGC
CCTGATGACTTCACTAGCCATGGTCACTCCCTGAACCGGCCCTTTTGAAGTGGCCTCCTCACTCCCT
CCGGGATCCTTCTCAACAGCCAGATGCTAGACTTCTCCTGGCCCAACAGGACAGCCAACCACTCTGCACC
CAGCCTGGAGAACTCGGTACAGCCAGGGAAGCGGCCCTCTTTCTTCTGCCACTGTAGTCCGACCA
GCAGAAGGGCTCTGTGGGACCTACCTCGCTCTGGGGCCAATGGAGTGTCTGAGGCCTCAGTGGCCTGA
CCCAGGTTCTACTGAATGTCTGACCTTGAACAGGAACCTGAGTGACAGCCTGGCCCGAGGACGCTCCA
CCCAGACTGCAGTCCAACCTCCTGCAGGTTGACAGTGTCTACTGAGGAAGAGATTGAGTTCTGGAA
GCCAGGGTCAACAGTGGAGAAGGTAGATGTCTTATCCTGGGTCCACGGCAGTCGGAGAACCAACCT
TCATCATCGGTGTGAAGGACCTCGGAGCCGGATGCAGCTGGAGCCACCATCCTGTAGAGCATTGGGCT
GGCGGGATCTCTGCCTTTGCATGTTCCAGAGTCCCTCTTCTCCAGGTTTGGTCTCAGGGGACCCC
ATGGATGCCTCAGATTAGGGGCCAAAGGGATGCTTAGCAAACCTATCCAGAGTAACTGGAAAATTTCT
CCAACCTGGAGGCCCTTGGTGGGAATGATGACATCAGTGTCCATGACCAGGCAGGCAGGACCTTGGAGGT
CAGATTGTCTGTCTCCTCTCTCTTTCAGCCATGCTATCCTTGTAGCTTAGGGATGTGCTTGCACCCCTT
CTCAAGGGTCTCACTATCCCAACACCTTCACTAGGCTGACCTAGGCTTGTCTTCCAGCTCCCTTTTC
CTGTATCTGGCCCACTTCTTAAGTACTAGGATTTTTTAAAAAATGGCCATTATGGGAGAGGTAAT
CCTCGCCTTCCACAGGTTGAGGCAGGGCCTTGCAATTGAAGGTCCCAGGCAGCCACACAGGGGTGGG
GTGGGTATCAGCTCAGGGCTTCCATTTGCAATGGGAATTAAGAAAGAATATTGCTTAAAAAAAAAAAA AAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_144786
- Insert Size:** 1989 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: [BC005772](#), [AAH05772](#)

RefSeq Size: 2597 bp

RefSeq ORF: 1989 bp

Locus ID: 207182

UniProt ID: [Q99JP7](#)

Cytogenetics: 2 H1

Gene Summary: Cleaves glutathione conjugates.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.