

Product datasheet for **MC204617**

Gstt3 (NM_133994) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gstt3 (NM_133994) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gstt3
Synonyms:	A1118089
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC062201
 GGGAAAGAAAGTGAATTTGAGGGCAGTTAGCACGGCTAATCTGCCCTAAATTCACCAATAGAGACGCCG
 GTTGTGTGTCAGTTTTCTTTACTGGGTTCCGTTCTCATTTGGCTGAAGCACGGAGGTACAGGGGCCAGT
 TTGGCTCCAAACCAAGACTCGGGCTCATAGTTCAGGTTTCATCTGTTTCGGGGGTTAACTTGCACTCCGGC
 ACTGATTGGCCCAAAGTCTTGTGGTCATCCAATGGGAAGGAAGATTGGGATCGAGCTCCGATCGAGGCT
 AAGAGGCAGTTTACCCGAGGCTAGTTCCTGAGGCTGCCAGCGGCTACTCCACAGCTCCGCCATCGGGTC
 AGAGGCTACCTGGACCTGATGCCAACCTGCCGTGCTGTCTACATCTTCGCCAAGAAGAACGGCAT
 TGGAGCTCTACCTGGACCTGATGCCAACCTGCCGTGCTGTCTACATCTTCGCCAAGAAGAACGGCAT
 CCCCTTCCAGCTGCGTACCATAGAGCTGCTTAAAGGTCAGCAGTACACAGATTCTTCGCCCAGGTGAAC
 CCTTTGAGGAAGGTGCCAGCTTTGAAGGATGGGGACTTCGTCTTGGCAGAGAGTGTGGCCATCTTGTGT
 ATCTGAGTAGAAAGTACAAGGCCCCGACCACTGGTACCCTCAGGATCTGCAGACTCGAGCTCGTGTAGA
 CGAGTACCTGGCATGGCAGCACACAGCCCTGCGGAGTTGTTGCACCAGGGCCATGTGGCAGAAGATGATG
 TTCCTGTGTTTCTGGACAGCCCGTACCTCCTGAGATGCTGGTATCCACCTGGCTGAAGTGGTGGGT
 GCCTGCAGGTGCTAGAGGACAAGTTCCTGCGGAACCAGGCCTTCCTTACAGGATCCCATATTTCTGTGGC
 TGACTTGGTGGCCATCACAGAGCTGATGCATCCTGTCAGTGTGCTGGCTGCAAAAATCTTTGAGAGCCGACCC
 AACTGGCTGCCTGGCGTCAGAGAGTAGAAGCCGAAGTGGGGGAGAGCCTTTCAGGAGGCCCATGAAG
 TTGTCCTGAAGGCCAAGGATATGCCTCCCTTGTGAGACCCTGCCTTAAAAGAGAAGCTGAAGCTCTCTGT
 GCAGTGTTTGTTACACTGAGGGAATAGCTCGAAGTGGGAGACAGACGGTCAAGGGAAACTCGGGGCCGTG
 CAAGCGAAGAGATGAGGCTGTCTGGCTCTTTGGCTGTCCTAGGACATAGGGTCTCTGGTCCGCAATTTCT
 CTCTCTGCATCACCTGTGTTCCCTCTGTGTCCCACTGGCTTGTGCTGTAAACATCAGTTCTTATCTGAC
 TTCTGGAGAGAGCTCCAGGAAAATACTTGGGAGAAACGTATCTGGCCATATTCCTTTTCTTTGAACTTT
 AATTGATATCTGGTACCACGTGACCCCTGTGCTCCTCAACCCTGGTGCCTCCCTCAGTTTTGGCA
 TGCAAGGATCTATGATCTCTCAGTTGAATACATGCAAGAGACGGGGATTGACTAGTGAAGACCTTTGTCC
 TCTGCGTCTTTGCTTCTGCCATAGGTGGGGTGCAGGGCTGGTTCCTTTGTGGAGTGAAGTGTGTTGG
 TATGTCCTGACTTCCAAATCTTGTCCCAAGCATTCTAACCTGACTGCTGCCTTCTACCTGTCTCCGG
 CTCCAACTGTCAAGCTACTTAATCTTGTGCCATAAGACGTCTTTTATGTGCCTTACCTAATAAATACAT
 TGTTAACAGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133994

Insert Size: 726 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: [BC062201](#), [AAH62201](#)

RefSeq Size: 1844 bp

RefSeq ORF: 726 bp

Locus ID: 103140

UniProt ID: [Q99L20](#)

Cytogenetics: 10 C1

Gene Summary: Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Shows high activity towards 4-nitrobenzyl chloride (4-NBC). Also has lower activity towards 1,2-epoxy-3-(p-nitrophenoxy)propane (EPNP), cumene hydroperoxide, 1-chloro-2,4-dinitrobenzene (CDNB), 7-chloro-4-nitrobenzo-2-oxa-1,3-diazole (NBD-Cl), and ethacrynic acid.[UniProtKB/Swiss-Prot Function]