

Product datasheet for **MC200589**

Gstt3 (BC003903) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gstt3 (BC003903) 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)

Fully Sequenced ORF: >BC003903
GCTGCTCCGGCTTCTGTCCCCAGAGGCAGTTACCCGAGGCTAGTTCGCCAGGTCTGCCAGCGGCTACTC
CCACAGCTCCGCCATGGGTCTGGAGCTCTACCTGGACCTGATGTCCCAACCCTGCCGTGTCTACAT
CTTCGCCAAGAAGAACGGCATCCCTTCCAGCTGCGTACCATAGAGCTGCTTAAAGGTGACAGTACACA
GATTCCTTCGCCAGGTGAACCTTTGAGGAAGGTGCCAGCTTTGAAGGATGGGGACTTCGTCTTGGCAG
AGAGTGTGGCCATCTTGTGTATCTGAGTAGAAAGTACAAGGCCCGACCACTGGTACCCTCAGGATCT
GCAGACTCGAGCTCGTGTAGACGAGTACCTGGCATGGCAGCACACAGCCCTGCGGAGTTGTTGCACCAGG
GCCATGTGGCAGAAGATGATGTTCCCTGTGTTCCCTGGGACAGCCCGTACCTCCTGAGATGCTGGCATCCA
CCTTGGCTGAACTGGATGGGTGCCTGCAGGTGCTAGAGGACAAGTTCTCGGGAACCAAGGCTTCCCTTAC
AGGATCCCATATTTCTGTGGCTGACTTGGTGGCCATCACAGAGCTGATGCATCCTGTGAGTGTGGCTGC
AAAATCTTTGAGAGCCGACCCAAACTGGCTGCCTGGCGTCAGAGAGTAGAAGCCGAAGTGGGGGAGAGCC
TCTTCCAGGAGGCCCATGAAGTTGCTCCTGAAGGCCAAGGATATGCCTCCCTTGATGGACCCTGCCTTGAA
AGAGAAGCTGAAGCTCTCTGTGCAGTGTGTTTACTGAGGGAATAGCTCGAACTGGGAGACAGACGGT
CAAGGGAAACTCGGGGCCGTGCAAGCGAAGAGATGAGGCTGTCTGGCTCTTTGGCTGCTACTAGGACATA
GGGTCTCTGGTCCGCAATTTCTCTCTGCATCACCTGTGTTCCCTCTGTGTCCCCACCTGGCTTGTGCTG
TAACATCAGTTCTTATCTGACTTCTGGAGAGACTCCAGGAAAATACTTGGGAGAAAACGTATCTGGCCAT
ATTCCTTTCTTTGAACTTTACAAACCATTGAACCTTCCCCATCCTCCAAGCCATATTTGTATATACA
TGATATACACATACATATAAATTGATATCTGGTACCACGTGACCCTCTGTGCTCCTCAACCCTGGTGC
CTCCCTCCTCAGTTTTTGGCATGCAGGATCTATGATCTCAGTTGAATACATGCAAGAGACGGGGATTG
ACTAGTAAAAGACCTTTTGCCTCTGCGTCTTTGCTTCTGCCATAGGTGGGTGCAGGGCTGGTTCCCTTT
GTGGGAGTGGAAGTTGCTTGGTATGTCCTGACTTTCCAAATTTCTGTCCCAAGCATTCTAACCTGACTG
CTGCCCTTACCTGTCTCCGGCTCCAACTGTCAAGCTACTTAATCTTGTGCCATAAGACGTCTTTTATG
TGCTTACCTAATAAATACATTGTTAACAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC003903



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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:	<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>BC003903</u> , <u>AAH03903</u>
RefSeq Size:	1532 bp
RefSeq ORF:	726 bp
Locus ID:	103140
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]