

Product datasheet for **MC207296**

Gstm2 (NM_008183) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gstm2 (NM_008183) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gstm2
Synonyms: Gstb-2; Gstb2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207296 representing NM_008183
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCTATGACTAGGTTACTGGGACATCCGTGGGCTGGCTCACGCCATCCGCCTGCTCCTGGAATACA
 CAGACACAAGCTATGAGGACAAGAAATACACCATGGGGGACGCTCCTGACTATGACCGAAGCCAGTGGCT
 GAGTGAGAAGTTCAAGCTGGGCTGGACTTTCCCAATCTGCCCTACTTGATTGATGGATCACACAAGATC
 ACCCAGAGCAATGCCATCCTGCGCTACCTTGCCCGAAAGCACAACCTGTGTGGAGAGACAGAGGAGGAGA
 GGATTCGTGTGGACATTTTGGAGAACCAGGCTATGGACACCCGCATACAGTTGGCCATGGTTTGCTACAG
 CCCTGACTTTGAGAAAAAGAAGCCAGAGTACTTAGAGGGTCTCCCTGAGAAGATGAAGCTCTACTCTGAG
 TTTCTGGGCAAGCAGCCATGGTTTGAGGGAACAAGGTCACCTATGTGGATTTTCTTGTTTATGATGTCC
 TTGATCAACACCGAATATTTGAGCCCAAGTGCCTGGATGCCTTCCCAAACCTGAAGGACTTCATGGGTCC
 CTTTGAGGGCTGAAGAAGATATCTGACTACATGAAGAGCAGCCGCTTCTCTCCAAGCCAATCTTTGCA
 AAGATGGCCTTTTGAACCCAAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008183
Insert Size: 657 bp



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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_008183.3</u> , <u>NP_032209.1</u>
RefSeq Size:	1121 bp
RefSeq ORF:	657 bp
Locus ID:	14863
UniProt ID:	<u>P15626</u>
Cytogenetics:	3 F2.3
Gene Summary:	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.[UniProtKB/Swiss-Prot Function]