

Product datasheet for **MC203058**

Gstm4 (NM_026764) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gstm4 (NM_026764) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gstm4
Synonyms: 1110004G14Rik; Gstb-4; Gstb4; GSTM7-7
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC030444
 CCACGCGTCCGGTTCCTGGGCGGGCAGGATCACGCCGGGCACCAGCCCCGCCAGGGACCCGAGGGCACT
 AGGATAAAGTCAAAGTTGCTCACACCGGAGGCCGGTGGACTCAGTCTCAGGCACCAGCATCATGCCTATG
 ACGACTGGGTTACTGGACATCCGTGGGCTAGCTCACGCTATTTCGGCTGCTCCTAGAATACACAGGCTCAA
 GCTATGAAGAGAAGAGATACACCATGGGAGACGCTCCTGACTATGACCGAAGCCAGTGGCTGAGTGAGAA
 GTTCAAATTGGGCTGGACTTTCCCAATTTGCCTTACTTGATTGATGGGTACACAAGATCACGCAGAGC
 AATGCCATCCTGCGCTACATTGCCCGCAAGCACAACTGTGTGGGGAGACAGAGGAAGAGAAGATTTCGG
 TGGACATTTTGGAGAACCAGGCTATGGATGTCTCCAATCAGCTGGCTCGAGTCTGTTACAGCCCAGACTT
 TGAGAACTGAAGGTGAATACTTGGAGCAGCTCCCTGGAATGGTGAAGCTTTCTCACAGTTCTGGGC
 CAGCGGACATGGTTTGTGGTGAAGATTACTTTGTAGATTTCTGGCTTACGATATCCTGGACCTGC
 ACCTTATATTCGAACCCACGTGCCTGGACGCCTCCCAAACCTGAAGACTTTGTGGCCCGCTTTGAGGT
 ACTGAAGAGGATCTCTGCTTACATGAAGACCAGCCGCTTCTCCGAACACCCCTATATACAAAGGTGGCC
 ACTTGGGGCAATAAGTAGAGCCTTGACTGGGCAGGAAGTGGGAACCGGGGTTCTGGGAACAGTTGAACT
 TCCTGTAGCCCTAGTGCTGCTTTCTGTCCATCCCCTTCTGACCCAGAGTGTCAAAGGTCTCTTTTCT
 TTCATCCAGTCCCTGCCCTTTCAAACCTCTAAAGCCTAGGCTCCTAGTTTTCTTTAGCAAATGCCCT
 TCTAGCATGACTGTGCCCGGCCCACTTGATGGTCTTGCTGCCAGCAGCTGTGCTGTTGTGAAGATT
 GGGACTCTCCATCAGCACTCAGCCTGGGGCTCCCCATGCTGTCTGGAGACCAGAGACGGCTGGTGTGTG
 AATTTGGTCTCTGCACAGCTCTTTTGGTCCCTCCTGTAAGCCTGAACCACACTGGCTCTGGCTGCCG
 ACTACCAGCTTTTACTACTATCTCCAGTGGCTGCCTAGTGACCCGGCAGAGGCTGAGTTCACAGGGATT
 TTAGTTGGATAGGCAGGGTTTGGCCCTTCTAGCCCCACCTGTTTGTCTCAGGAGGCAGCTGCAGAA
 GGCTCTGTGGAGCTCAAAGGGAGCTTAGATCTCCTTTATGCTAGCAGCACTGAGATTTGTATGCAGGTC
 TCAGTGGTGAAGATCCAGGCTGATAGGAGTCCCCAGCAGAAAGCCAGGATCCTCTCTGCCACTGTGCTA
 TGGCTGCCTTATCTATATGTCTCCAGGATCCTGTCTGATGTCTCAGAGTATCCCGTCTTGGTCCAC
 CAGGGATGGGGCCATCTGGTTAATCCCTCCTTTGTGAGCCCCCGTGAATAAATTTCTTCATGCTT
 TCGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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|-------------------------------|---|
| ACCN: | NM_026764 |
| Insert Size: | 657 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: | BC030444 , AAH30444 |
| RefSeq Size: | 1639 bp |
| RefSeq ORF: | 657 bp |
| Locus ID: | 14865 |
| UniProt ID: | Q8R5I6 |
| Cytogenetics: | 3 F2.3 |
| Gene Summary: | <p>Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Catalyzes the conjugation of leukotriene A4 with reduced glutathione (GSH) to form leukotriene C4. Can also catalyzes the transfer of a glutathionyl group from glutathione (GSH) to 13(S),14(S)-epoxy-docosaehaenoic acid to form maresin conjugate in tissue regeneration 1 (MCTR1), a bioactive lipid mediator that possess potent anti-inflammatory and proresolving actions.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) is the longer transcript and encodes the longer isoform (1).</p> |