

## Product datasheet for **MC202938**

### Gsta2 (NM\_008182) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Gsta2 (NM_008182) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Gsta2                                  |
| Synonyms:                 | Gst2-2; Gstc-2; Gstc2                  |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |

**Fully Sequenced ORF:** >BC030173 sequence for NM\_008182  
 CCACGCGTCCGGAAAGGATTTACTCAGCTTACACTTCCACATTGCCTTTCATCACCAAAAAAGTCCGG  
 ACTGGAACTCAAACAGACCGTGAACCACAGTTGCTGCAATGGCCGGAAGCCCGTTCACCATTCAA  
 TGCCCGGGGCAGAATGGAGTGCATCAGGTGCTCCTGGCTGCAGCAGGGTGGAGTTTGAAGAGAAGTTT  
 ATACAGAGTCCGGAAGATTTGGAAGCTAAAAAAGATGGGAATTTGATGTTTGACCAAGTGCCCATGG  
 TGGAGATTGATGGGATGAAGCTGGTGCAGACCAGGCCATTCTCAACTACATCGCCACCAATATGACCT  
 CTATGGGAAGGACATGAAGGAGAGGCCCTGATTGACATGTATTCAGAAGGTATTTAGACTGACTGAA  
 ATGATTGGGCAATTGTTAATATGCCCCAGACCAAAAAGAAGCCAAGACTGCCTTGCCAAAAGACAGGA  
 CAAAAACCGTTACTTGCCTGCCTTTGAAAAGGTGTTGAAGGGCCATGGACAAGACTACCTTGTGGGCAA  
 CAGGCTGACCAGGTGGACGTCCACCTGCTGGAACCTCTCCTCTATGTTGAAGAGTTTGATGCCAGCCTT  
 CTGACTCCTTTCCTCTGCTGAAGGCCTTCAAGAGCAGAATCAGCAGCCTCCCAATGTGAAGAAGTTCC  
 TACAGCCTGGCAGCCAGAGAAAGCCTCCCTTGGATGCAAAACAAATTGAAGAAGCAAGGAAGTTTTCAA  
 GTTTTAGTGTGGCTACATTGATGGAGCCACAGATACTGGCCTCTAATGGTTTGCAATTATAAAATACAAT  
 TGTTGATTTGGCTATTGTGCAATAATAAAAAATTAACAAATGGTAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008182

**Insert Size:** 669 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).



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**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:** [BC030173](#), [AAH30173](#)

**RefSeq Size:** 899 bp

**RefSeq ORF:** 669 bp

**Locus ID:** 14858

**UniProt ID:** [P10648](#)

**Cytogenetics:** 9 43.65 cM

**Gene Summary:** Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.[UniProtKB/Swiss-Prot Function]