

Product datasheet for MC208607

Gsto1 (NM_010362) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gsto1 (NM_010362) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gsto1
Synonyms:	AA407097; AI194287; AU018802; GST; Gsto-1; Gstx; p2; p28; Spg-r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208607 representing NM_010362 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGGAGAATCCTCCAGGAGCCTGGGAAGGGAAGCGCGCCCCCGGCCGGTCCCGGAGGGCCAGA
TCCCGCTACAGCATGAGGTTCTGCCCTTCGCTCAGAGGACGCTGATGGTCTGAAGGCCAAGGGAAT
CCGGCACGAAGTCATCAATATCAACCTGAAGAATAAGCCCGAGTGGTCTTTGAGAAGAATCCCCTGGG
CTGGTGCCGGTCTGGAGAACAGCCAGGGTCACTTGGTCACCGAATCTGTCATCACTTGTGAGTACCTGG
ATGAGGCCCTACCCAGAGAAGAAGTTATTTCCAGATGACCCGTACAAGAAGGCACGTCAGAAGATGACCCCT
TGAGTCATTCTCTAAGGTGCCGCTTTGATTGCAAGCTTTGTTAGGTCTGAAGAGAAAGAAAGACTCTCCG
AACCTAAGGGAAGCGTTGGAGAACGAATTCAAAAAGCTAGAGGAGGGCATGGATAATTACAAGAGCTTCC
TTGGTGGGGATTCTCCTTCTATGGTTGATTATCTTACTTGGCCTTGGTTTCAGCGACTGGAAGCATTGGA
GCTCAAGGAGTGTCTAGCCACACCCCCAAGCTCAAGCTCTGGATGGCGGCCATGCAGCAAGACCCCTGTG
GCATCCTCTCACAAAATTGATGCCAAGACCTACCGCGAGTACTTAAATCTCTACCTACAGGACAGCCCCG
AGGCCTGTGATTATGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_010362
Insert Size:	723 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:	NM_010362.3 , NP_034492.1
RefSeq Size:	1192 bp
RefSeq ORF:	723 bp
Locus ID:	14873
UniProt ID:	O09131
Cytogenetics:	19 D1
Gene Summary:	This gene encodes a member of the omega class of glutathione S-transferase (GST) proteins. GSTs are involved in the metabolism of xenobiotics and carcinogens. There is evidence that the encoded protein is involved in the biotransformation of arsenic. [provided by RefSeq, Dec 2015]