

Product datasheet for **MC210077**

Mgst1 (NM_019946) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mgst1 (NM_019946) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mgst1
Synonyms: 1500002K10Rik; Gst
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210077 representing NM_019946
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCCGACCTCAGGCAGCTCATGGACAATGAGGTGTTGATGGCCTTTACCTCCTATGCAACGATCATTC
TTACCAAGATGATGTTTCATGAGCTCTGCGACCGCATTCCAGAGGATAACCAACAAGGTTTTTGCACACC
AGAAGACTGCGCTGGCTTTGGCAAGGGAGAGAATGCCAAGAAGTTTGTTCGCACTGACGAGAAGGTGGAA
CGCGTGCAGAGCCACCTGAATGATCTTGAAAACATCGTCCCTTTCTCGGCATCGGCCTCCTGTACT
CCCTGAGTGGACCAGATCTCTACAGCCCTCATGCACTTCAGAATCTTTGTAGGTGCTCGGATCTACCA
CACCATTGCTTACTTGACTCCCCTTCTCAGCCAAACAGGGGCTTGGCATTTTTTGTTGGCTATGGAGTT
ACTTTGTCAATGGCTTACAGGCTGCTAAGGAGCAGACTGTACTT**GTAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_019946
Insert Size: 468 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).



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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_019946.4</u> , <u>NP_064330.2</u>
RefSeq Size:	943 bp
RefSeq ORF:	468 bp
Locus ID:	56615
UniProt ID:	<u>Q91VS7</u>
Cytogenetics:	6 G1
Gene Summary:	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the shorter isoform (1).