

Product datasheet for **RN208847**

Mgst1 (NM_134349) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mgst1 (NM_134349) Rat Untagged Clone
Tag: Tag Free
Symbol: Mgst1
Synonyms: MGC72699
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208847 representing NM_134349
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGACCTCAAGCAGCTCATGGACAACGAGGTGTTGATGGCCTTTACCTCCTATGCAACGATCATTC
TTGCCAAGATGATGTTCTGAGCTCCGCGACTGCATTCCAGAGGCTAACCAACAAGGTTTTTGCCAACCC
GGAAGACTGTGCTGGCTTCGGCAAGGGGAGAATGCCAAGAAGTTCCTTCGGACTGACGAGAAGGTGGAA
CGCGTGCGAAGAGCCACCTGAACGACCTGAAAACATCGTTCCTTTCTCGGTATCGGCCTCCTGTACT
CCCTGAGCGGACCGGATCTCTACAGCCCTCATTCACTTCAGAATCTTTGTGGGCGCTCGGATCTACCA
CACCATTGCTTACTTGACTCCCTTCTCAGCCAAACAGGGGCTTGGCATTTTTTGTTGGCTACGGAGTT
ACTTTGTCAATGGCTTACAGGCTGCTCAGGAGCAGACTGTACTT**GTAA**

AC**GCGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-NotI

ACCN: NM_134349

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).



[View online »](#)

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_134349.3</u> , <u>NP_599176.1</u>
RefSeq Size:	1081 bp
RefSeq ORF:	468 bp
Locus ID:	171341
UniProt ID:	<u>P08011</u>
Cytogenetics:	4q44
Gene Summary:	enzyme that catalyzes the transfer of glutathione onto hydrophobic substrates [RGD, Feb 2006]