

Product datasheet for **MC226376**

Gsta3 (NM_010356) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gsta3 (NM_010356) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gsta3
Synonyms: Gst2-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226376 representing NM_010356
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGGGGAAGCCAGTCCTTCATTACTTTGATGGCAGGGGAAGAATGGAGCCTATCCGGTGGCTCTTGG
CTGCAGCTGGTGTGGAGTTTGAAGAAAAATTTCTGAAAACCTCGGGATGACCTGGCAAGGTTACGAAGTGA
TGGGAGTCTGATGTTCCAGCAAGTGCCCATGGTAGAGATCGACGGGATGAACTGGTGCAGACCAAAGCC
ATTCTCAACTACATTGCCTCAAATACAACCTCTATGGGAAGGACATGAAGGAGAGGCCATCATTGACA
TGTACACAGAAGGAGTGGCGGATCTGGAGATAATGATTCTCTATTACCCACATGCCCCCTGAGGAGAA
AGAGGCAAGCCTTGCCAAGATCAAGGAACAAACCAGGAACCGTTACTTCCTGCCTTTGAAAAGGTGTTG
AAGAGCCATGGACAAGATTATCTCGTTGGCAACAGGCTGAGCAGGGCTGATATTGCCCTGGTTGAACTCC
TCTACCATGTGGAAGAGCTGGACCCGGCGTTGTGGACAACCTTCCTCTCCTGAAAGCGCTGAGAAGCAG
AGTCAGCAACCTCCACAGTGAAGAAGTTTCTCAACCTGGCAGCCAGAGGAAGCCTTTTGATGACGCA
AAATGTGTTGAGTCAGCAAAGAAGATTTTCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010356
Insert Size: 666 bp



[View online »](#)

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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_010356.4 , NP_034486.2
RefSeq Size:	1375 bp
RefSeq ORF:	666 bp
Locus ID:	14859
UniProt ID:	P30115
Cytogenetics:	1 6.5 cM
Gene Summary:	<p>Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This GST has a high catalytic activity for aflatoxin B1-8,9 epoxide. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein (isoform a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>