

Product datasheet for **MR202391**

Gstz1 (NM_010363) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gstz1 (NM_010363) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gstz1
Synonyms:	MAAI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202391 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAAGCCGGGAAGCCTATCCTCTACTCCTATTTCCGAAGCTCCTGTTTCATGGAGAGTTTCAATTGCTC
TGGCGTTAAAAGGCATTGACTATGAGATAGTGCCCATCAACCTCATAAAGGATGGCGGGCAACAGTTCAC
TGAGGAATTTAGACCCTGAACCCCATGAAGCAAGTGCCAGCGCTGAAAATTGATGGAATCACCATTGTC
CAGTCACTGGCCATCATGGAGTACCTGGAAGAGACTCGGCCTATCCACGGCTCCTGCCTCAGGACCCAC
AGAAAAGAGCCATCGTGCGCATGATTTCTGACCTCATCGCTAGTGGCATCCAGCCCTTCAGAACCTGTC
TGTCTGAAGCAAGTGGGACAGGAGAACCAGATGCAATGGGCCAAAAGTTATTACTTCCGGCTTTAAC
GCTCTGGAGAAGATTCTGCAGAGCACAGCAGGGAAGTACTGCGTAGGAGATGAGGTATCCATGGCTGATG
TGTGCTTAGTACCCCAAGTGGCAAATGCTGAAAGGTTCAAGGTGGATCTAAGCCCTACCCTACCATCAG
TCACATCAACAAGGAGCTGCTAGCCTTAGAGGTTTTCCAAGTGTCTACCCCGTCGACAGCCAGATACC
CCTGCCGAGCTGAGGACT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_010363.4](#)

RefSeq Size: 1683 bp

RefSeq ORF: 651 bp

Locus ID: 14874

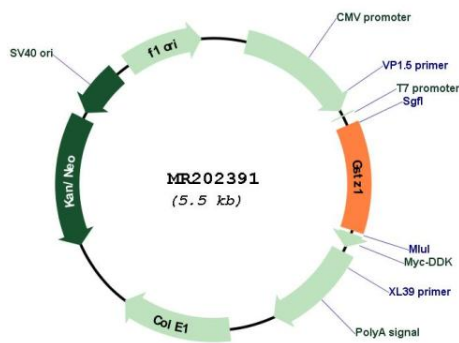
UniProt ID: [Q9WVL0](#)

Cytogenetics: 12 D2

MW: 24.3 kDa

Gene Summary: Probable bifunctional enzyme showing minimal glutathione-conjugating activity with ethacrynic acid and 7-chloro-4-nitrobenz-2-oxa-1, 3-diazole and maleylacetoacetate isomerase activity. Has also low glutathione peroxidase activity with t-butyl and cumene hydroperoxides. Is able to catalyze the glutathione dependent oxygenation of dichloroacetic acid to glyoxylic acid (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202391