

Product datasheet for **SC203924**

Glutathione S Transferase theta 1 (GSTT1) (NM_000853) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Glutathione S Transferase theta 1 (GSTT1) (NM_000853) Human 3' UTR Clone
Symbol: Glutathione S Transferase theta 1
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_000853
Insert Size: 336 bp
Insert Sequence: >SC203924 3'UTR clone of NM_000853
 The sequence shown below is from the reference sequence of NM_000853. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
ATGCCCTGGGTGCTGGCCATGATCCGGTGAGCTGGGAAACCTCACCTTGCACCGTCCTCAGCAGTCCA
CAAAGCATTTCATTTCTAATGGCCATGGGAGCCAGGCCAGAAAGCAGGAATGGCTTGCCTAAGACT
TGCCCAAGTCCCAGAGCACCTCACCTCCCGAAGCCACCATCCCCACCTGTCTTCCACAGCCGCTGAA
AGCCACAATGAGAATGATGCACACTGAGGCCTTGTGTCCTTAAATCACTGCATTTTCATTTTGG
ATAATAAACCTGGGCTCAGCCTGAGCCTTGCTTCTAACTCTAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI
OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq: [NM_000853.3](#)



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Summary:

The protein encoded by this gene, glutathione S-transferase (GST) theta 1 (GSTT1), is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1, GSTT2, and GSTT2B. GSTT1 and GSTT2/GSTT2B share 55% amino acid sequence identity and may play a role in human carcinogenesis. The GSTT1 gene is haplotype-specific and is absent from 38% of the population. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2015]

Locus ID: 2952

MW: 12.2