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Product datasheet for SC204278

Glutathione S Transferase theta 2 (GSTT2B) (NM_001080843) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Glutathione S Transferase theta 2 (GSTT2B) (NM_001080843) Human 3' UTR Clone
Symbol:	Glutathione S Transferase theta 2
Synonyms:	GSTT2P
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001080843
Insert Size:	339 bp
Insert Sequence:	>SC204278 3'UTR clone of NM_001080843 The sequence shown below is from the reference sequence of NM_001080843. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATGCTGCTTCGAATCGCCAGGATCCCCTGAAGGGTCTGGGATGGGGGCCAGGAGATTAGCAACAAGGAT TCATTCTGTTACTTACTTGCCCCTTTTTATCTTTCCCTCTTGCCCCAGTCCCTTCTCTCCAGCTTCATG TGAAGCTCTGCACAGACAAGACACTCAGTGTCCTTGGCAGTGCTGCTACTCCTCAGGTGCAGCATACAT AACCAGTAAGAGACTAAATCTGCAATATATAAAGAGCTCCTACAAATCAGTAACATGAAGAACACTCAA AAATTGGCAAATGTCATCAGTGTTTTAAACAGAATAAAGATTCCAAACACTTTGAATAGAGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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_001080843.4

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Summary: The protein encoded by this gene, glutathione S-transferase (GST) theta 2B (GSTT2B), 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. GSTT2 and GSTT2B are nearly identical to each other, and share 55% amino acid identity with GSTT1. All three genes may play a role in human carcinogenesis. The GSTT2B gene is a pseudogene in some populations. [provided by RefSeq, Sep 2015]

Locus ID: 653689

MW: 12.9