

Product datasheet for **SC200099**

glutathione S transferase Omega 1 (GSTO1) (NM_004832) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	glutathione S transferase Omega 1 (GSTO1) (NM_004832) Human 3' UTR Clone
Symbol:	glutathione S transferase Omega 1
Synonyms:	GSTO 1-1; GSTTLp28; HEL-S-21; P28; SPG-R
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004832
Insert Size:	80 bp
Insert Sequence:	<p>>SC200099 3'UTR clone of NM_004832</p> <p>The sequence shown below is from the reference sequence of NM_004832. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC AGCCCTGAGGCCTGTGACTATGGGCTCTGAAGGGGGCAGGAGTCAGCAATAAAGCTATGTCTGATATTT TCCTTCACTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
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:	<u>NM_004832.3</u>


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Summary:	The protein encoded by this gene is an omega class glutathione S-transferase (GST) with glutathione-dependent thiol transferase and dehydroascorbate reductase activities. GSTs are involved in the metabolism of xenobiotics and carcinogens. The encoded protein acts as a homodimer and is found in the cytoplasm. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
Locus ID:	9446
MW:	2.9