

Product datasheet for SC207159

GSTA4 (NM_001512) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GSTA4 (NM_001512) Human 3' UTR Clone
Symbol:	GSTA4
Synonyms:	GSTA4-4; GTA4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001512
Insert Size:	547 bp
Insert Sequence:	<p>>SC207159 3'UTR clone of NM_001512</p> <p>The sequence shown below is from the reference sequence of NM_001512. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGAACCGTCTACAACATCTTTAGGCCAAAAACAACACATCCATGTGTGAGTGACAGTGTGTTCTTAGA
GATGGTATTGTCTACAGTCATGTCTTAATGGATCCCAGCTCTGTCATGGTGCTATCTATGTATTAAGTT
GGGTCCTAAGTTGGGTCTTTTGTGTCAACGAGATCATCTCTTAGAAATATCAACCTTTTTGTCCAG
TAAATAATTGTTAGGGGATCTTTATTGGAAAACTTTTTGGAGAGGCTGGTATTTAAGTTAGATCTGAT
TGGGCTACTCATGTCCTGTAGCCAGTTCATCCTCATAATAAGAATGGGCAGGATCTCTTGTCTCTCCT
GAGTGTCTTTCTACTCTCTGAGCGTCTTTCTGCTCTCCTTATCCTGTTCTCTTATCCTTATCCCCCTCC
AGTCTCTGCCTAATTTTGTGTTAATAACAACCGAATGTCTAGTAAATGACTCTCCTCTGAGCTGTA
ATAAATAAAATGGTAGTAATGAATGCAATCAGTATTAGCCAAATAAAGAATTTATGAGTCATT
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).


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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_001512.4
Summary:	Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes are involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase belonging to the alpha class. The alpha class genes, which are located in a cluster on chromosome 6, are highly related and encode enzymes with glutathione peroxidase activity that function in the detoxification of lipid peroxidation products. Reactive electrophiles produced by oxidative metabolism have been linked to a number of degenerative diseases including Parkinson's disease, Alzheimer's disease, cataract formation, and atherosclerosis. [provided by RefSeq, Jul 2008]
Locus ID:	2941
MW:	20.2