

# Recombinant Full Length Human GSTT2 Protein, GST-tagged

**Cat. No.** GSTT2-3369HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GSTT2 full-length ORF ( AAH02415, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	244 amino acids
<b>Description</b>	Glutathione S-transferase (GSTs) theta 2 (GSTT2) 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 members GSTT1 and GSTT2 share 55% amino acid sequence identity and both are thought to have an important role in human carcinogenesis. The theta genes have a similar structure, being composed of five exons with identical exon/intron boundaries. [provided by RefSeq]
<b>Molecular Mass</b>	52.58 kDa
<b>AA Sequence</b>	MGLELFLDLVSQPSRAVYIFAKKNGIPELRLTVDLVKGQHKSKKEFLQINSLGKLP TLKDGDFILTESSAILIYLSCYQTPDHWYPSDLQARARVHEYLGWHADCIRGTFGIPLWV QVLGPLIGVQVPEEKVERNRTAMDQALQWLEDKFLGDRPFLAGQQVTLADLMALEE LMQPVALGYELFEGRPRLAAWRGRVEAFLGAELCQEAHSIILSILEQAAKKTLPTPSP EAYQAMLLRIARIP

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GSTT2 glutathione S-transferase theta 2 [ Homo sapiens ]
<b>Official Symbol</b>	GSTT2
<b>Synonyms</b>	GSTT2; glutathione S-transferase theta 2; glutathione S-transferase theta-2; GST class-theta-2; Glutathione S-transferase theta-2B; GSTT2B; MGC182032;
<b>Gene ID</b>	2953
<b>mRNA Refseq</b>	NM_000854
<b>Protein Refseq</b>	NP_000845
<b>MIM</b>	600437
<b>UniProt ID</b>	P0CG29

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