

Recombinant Human GSTT2 Protein, GST-tagged

Cat. No. GSTT2-4430H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GSTT2 full-length ORF (AAH02415, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	52.58 kDa
AA Sequence	MGLELFLDLVSQPSRAVYIFAKKNGIPELRTVDLVKQGHSKEFLQINSLGKLP TLKDGDFILTESSAILIYLSCKYQTPDHWYPSDLQARARVHEYLGWHADCIRGTFGIPLWV QVLGPLIGVQVPEEKVERNRTAMDQALQWLEDKFLGDRPFLAGQQVTLADLMALEE LMQPVALGYELFEGRPRLAAWRGRVEAFLGAELCQEAHSIILSILEQAACKTLPTPSP EAYQAMLLRIARIP
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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