Recombinant Human GSTT1, His-tagged

Cat. No. GSTT1-13582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTT1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-240a.a.
Description	The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of C.elegans, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GSTT1 glutathione S-transferase theta 1 [Homo sapiens]

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Official Symbol	GSTT1
Synonyms	GSTT1; glutathione S-transferase theta 1; glutathione S-transferase theta-1; GST class-theta-1; glutathione transferase T1-1;
Gene ID	2952
mRNA Refseq	NM_000853
Protein Refseq	NP_000844
MIM	600436
UniProt ID	P30711
Chromosome Location	22q11.23
Pathway	Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem;
Function	glutathione peroxidase activity; glutathione transferase activity; glutathione transferase activity; transferase activity;

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