

Recombinant Human GSTT2 protein, GST-tagged

Cat. No. GSTT2-13583H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTT2 protein(1-244 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-244 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MGLELFLDLVSQPSRAVYIFAKKNGIPLELRTVDLVKGQHKSKKEFLQINSLGKLPTLK DGDILTSSAILIYLSCKYQTPDHWYPSDLQARARVHEYLGWHADCIRGTFGIPLWV QVLGPLIGVQVPEEKVERNRTAMDQALQWLEDKFLGDRPFLAGQQVTLADLMALEE LMQPVALGYELFEGRPRLAAWRGRVEAFLGAELCQEAHSIILSILEQAAKKTLPTPSP EAYQAMLLRIARIP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

SDS-PAGE

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