Recombinant Human GSPT1 protein, GST-tagged

Cat. No. GSPT1-6789H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSPT1 protein(294-499 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	294-499 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	FNRSVDGPIRLPIVDKYKDMGTVVLGKLESGSICKGQQLVMMPNKHNVEVLGILSDD VETDTVAPGENLKIRLKGIEEEEILPGFILCDPNNLCHSGRTFDAQIVIIEHKSIICPGYN AVLHIHTCIEEVEITALICLVDKKSGEKSKTRPRFVKQDQVCIARLRTAGTICLETFKDF PQMGRFTLRDEGKTIAIGKVLKLVPEKD
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 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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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	GSPT1 G1 to S phase transition 1 [Homo sapiens]
Official Symbol	GSPT1
Synonyms	GSPT1; G1 to S phase transition 1; eukaryotic peptide chain release factor GTP-binding subunit ERF3A; eRF3a; ETF3A; GST1; G1 to S phase transition protein 1 homolog; eukaryotic peptide chain release factor subunit 3a; 551G9.2; FLJ38048; FLJ39067;
Gene ID	2935
mRNA Refseq	NM_001130006
Protein Refseq	NP_001123478
MIM	139259
UniProt ID	P15170

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SDS-PAGE



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