

# Recombinant Human GSPT1 protein, GST-tagged

**Cat. No.** GSPT1-939H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GSPT1 protein(P15170-1)(131-499 aa), fused with GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.                                                                                                                                                                |
| <b>AASequence</b>       | QEERDKGKTVEVGRAYFETEKKHFTILDAPGHKSFVPMIGGASQADLAVLVISARK<br>GEFETGFEKGGQTREHAMLAKTAGVKHLIVLINKMDDPTVNWSNERYEECKEKLVP<br>FLKKVGFNPKKDIHFMPCSGLTGANLKEQSDFCPWYIGLPFIPYLDNLPNFRSVDG<br>PIRLPIVDKYKDMGTVVLGKLESGSICKGQQLVMMPNKHNVVLGILSDDVETDTVA<br>PGENLKIRLKGIEEEEILPGFILCDPNNLCHSGRTFDAQIVIEHKSIIICPGYNAVLHIHT<br>CIEEVEITALICLVDKKSGEKSKTRPRFVKQDQVCIARLRTAGTICLETFKDFPQMGRF<br>TLRDEGKTIAIGKVLKLVPEKD |
| <b>Purity</b>           | 70%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                                                                                                                                      |

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**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**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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