

Recombinant Human GSPT1 protein, GST-tagged

Cat. No. GSPT1-938H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSPT1(1 a.a. - 633 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-633 a.a.
Description	GSPT1 played an important role in many functions.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	94.8 kDa
AA Sequence	MDPGSGGGGGGGSSSGSSSSDSAPDCWDQADMEAPGPGPCGGGGSLAAAAE AQRENLSAAFSRQLNVNAKPFVP NVHAAEFVPSFLRCPAAPPPPAGGAANNHGAG SGAGGRAAPVESSQEEQSLCEGSNSAVSMELSEPIENGETEMS PEESWEHKEEIS EAEPGGGSLGDGRPPEESAHEMMEEEEEIIPKPKSVVAPPGAPKKEHVNVVFIGHVD AGKSTIG GQIMYLTGMVDKRTLEKYEREAKEKNRETWYLSWALDTNQEERDKGKT VEVGRAYFETEKKHFTILDAPGHKSFV PNMIGGASQADLAVLVISARKGEFETGFEK GGQTREHAMLAKTAGVKHLIVLINKMDDPTVNWSNERYEECKEKL VPFLKKVGFNP KKDIHFMPCSGLTGANLKEQSDFCPWYIGLPFIPYLDNLPNFRSVDGPRLPIVDKY KDMGTV VLGKLESGSICKGQQLVMMPNKHNVVLGILSDDVETDTVAPGENLKIRL KGIEEEEILPGFILCDPNNLCHSGR TFDAQIVIIIEHKSICPGYNAVLHIHTCIEEVEITAL

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ICLVDDKKSGEKSKTRPRFVKQDQVCIARLRTAGTICLE TFKDFPQMGRFTLRDEGKT
IAIGKVLKLVPEKD

Applications

Enzyme-linked Immunoabsorbent Assay; 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 -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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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Chromosome Location	16p13.1
Pathway	mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; protein binding; translation release factor activity;

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