

Recombinant Human GSPT1 Protein (1-499 aa), His-Myc-tagged

Cat. No. GSPT1-2473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSPT1 Protein (1-499 aa) is produced by Yeast expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-499 aa
Description	Involved in translation termination in response to the termination codons UAA, UAG and UGA. Stimulates the activity of ERF1. Involved in regulation of mammalian cell growth. Component of the transient SURF complex which recruits UPF1 to stalled ribosomes in the context of nonsense-mediated decay (NMD) of mRNAs containing premature stop codons.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	59.8 kDa
AA Sequence	MELSEPIVENGETEMSPEESWEHKEEISEAEPGGGSLGDGRPPEESAHEMMEEEE EIPKPKSVVAPPGAPKKEHVN VVFIGHV D A G K S T I G G Q I M Y L T G M V D K R T L E K Y E R E A K E K N R E T W Y L S W A L D T N Q E E R D K G K T V E V G R A Y F E T E K K H F T I L D A P G H K S F V P N

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MIGGASQADLAVLVISARKGEFETGFEEKGGQTREHAMLAKTAGVKHLIVLINKMDDP
TVNWSNERYEECKEKLVPFLKKVGFNPKKDIHFMPCSGLTGANLKEQSDFCPWYIG
LPFIPYLDNLPNFNRSVDGPIRLPIVDKYKDMGTVVLGKLESGSICKGQQLVMMPNK
HNVEVLGILSDDVETDTVAPGENLKIRLKGIEEEEILPGFILCDPNNLCHSGRTFDAQI
VIIEHKSIICPGYNAVLHIHTCIEEVEITALICLVDKKSGEKSKTRPRFVKQDQVCIARLR
TAGTICLETFKDFPQMGRFTLRDEGKTIAIGKVLKLVPEKD

Purity > 85% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name GSPT1 G1 to S phase transition 1 [Homo sapiens]

Official Symbol GSPT1

Synonyms GSPT1; G1 to S phase transition 1; eRF3a; ETF3A; GST1; 551G9.2; FLJ38048; FLJ39067;

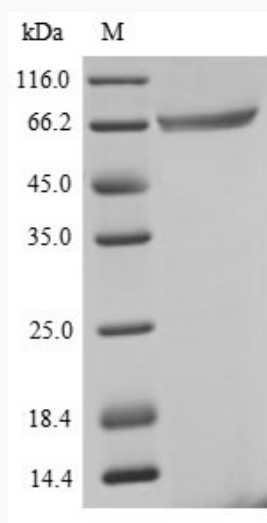
Gene ID 2935

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mRNA Refseq	NM_001130006
Protein Refseq	NP_001123478
MIM	139259
UniProt ID	P15170



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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