

## Recombinant Full Length Human GSPT1 Protein, Avi tagged, Biotin Labeled

Cat. No. GSPT1-12HFL    Lot. No. (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | GSPT1 Protein, Human (Sf9, Biotinylated, Avi) is the recombinant human-derived GSPT1, expressed by Sf9 insect cells, with Avi labeled tag. The total length of GSPT1 Protein, Human (Sf9, Biotinylated, Avi) is 636 a.a.,                                                        |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                                            |
| <b>Source</b>            | Insect cells                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>     | 2-637 aa                                                                                                                                                                                                                                                                         |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                                                           |
| <b>Description</b>       | Enables GTPase activity and translation release factor activity. Involved in regulation of translational termination and translational termination. Acts upstream of or within protein methylation. Part of translation release factor complex. Is active in cytosolic ribosome. |
| <b>Form</b>              | Liquid                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>    | Approximately 70.8 kDa                                                                                                                                                                                                                                                           |
| <b>Endotoxin</b>         | <1 EU/μg determined by LAL method.                                                                                                                                                                                                                                               |
| <b>Purity</b>            | Greater than 80% as determined by reducing SDS-PAGE                                                                                                                                                                                                                              |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Stored at -80 centigrade for 1 year from date of receipt. It is stable at -20 centigrade for 3 months after opening. It is recommended to freeze aliquots at -80 centigrade for extended storage. Avoid repeated freeze-thaw cycles. |
| <b>Storage Buffer</b> | Supplied as a 0.22 µm filtered solution of 50 mM HEPES (pH 7.5), 1 mM DTT, 200 mM NaCl, 20% glycerol.                                                                                                                                |
| <b>Shipping</b>       | Dry Ice                                                                                                                                                                                                                              |
| <b>Reconstitution</b> | Please use rapid thawing with running water to thaw the protein.                                                                                                                                                                     |
| <b>Conjugation</b>    | Biotin                                                                                                                                                                                                                               |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GSPT1 G1 to S phase transition 1 [ Homo sapiens (human) ]                                                                                                                                                                                             |
| <b>Official Symbol</b> | GSPT1                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | 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 |
| <b>Gene ID</b>         | 2935                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_001130006                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001123478                                                                                                                                                                                                                                          |
| <b>MIM</b>             | 139259                                                                                                                                                                                                                                                |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P15170

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA