

Recombinant Full Length Human GTSE1 Protein, GST-tagged

Cat. No. GTSE1-3338HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTSE1 full-length ORF (BAG37928.1, 1 a.a. - 720 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	720 amino acids
Description	The protein encoded by this gene is only expressed in the S and G2 phases of the cell cycle, where it colocalizes with cytoplasmic tubulin and microtubules. In response to DNA damage, the encoded protein accumulates in the nucleus and binds the tumor suppressor protein p53, shuttling it out of the nucleus and repressing its ability to induce apoptosis. [provided by RefSeq]
Molecular Mass	105.6 kDa
AA Sequence	MDDPKKEDILLLADEKFDLFDLSLSSSSANEDDEVFFGPFQGHKERCIAASLELNNPVPE QPPLPTSESPFAWSPLAGEKFVEVYKEAHLALHIESSSRNQAAQAAPEDPRSQG VERFIQESKLKINLFEKEKEMKKSPTSLKRETYYLSDSPLLGPVGEPRLLASSPALP SSGAQARLTRAPGPPHSAHALPRESCTAHAASQAATQRKPGTKLLLPRASVRGRS IPGAAEKPKEIPASPSRTKIPAEKESHDRVLPDKPAPGAVNVPAAGSHLGQGKRAIP VPNKLGLKKTLLKAPGSTSNLARKSSSGPVWSGASSACTSPAVGKAKSSEFASIPAN SSRPLSNISKSGRMGPAMLRPALPAGPVGASSWQAKRVDVSELAAEQLTAPPSASP TQPQTPEGGGQWLNSSCAWSESSQLNKTRSIIRRDSCLSNKTVMPTPTNQFKIP

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

KFSIGDSPDSSTPKLSRAQRPQSCTSVGRVTVHSTPVRRSSGPAPQSLLSARRVSA
 LPTPASRRCSGLPPMTPKTMPRAVGSPLCVPARRRSSEPRKNSAMRTEPTRESNR
 KTDSRLVDVSPDRGSPPSRVPQALNFSPEESDSTFSKSTATEVAREEAKPGGDAAP
 SEALLVDIKLEPLAVTPDAASQPLIDLPLIDFCDTPEAHVAVGSESRLIDLMTNTPDM
 NKNVAKPSPVVGQLIDLSSPLIQLSPEADKENVDSPLLKF

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 -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GTSE1 G-2 and S-phase expressed 1 [Homo sapiens]

Official Symbol

GTSE1

Synonyms

GTSE1; G-2 and S-phase expressed 1; G2 and S phase-expressed protein 1; B99;
 GTSE 1; protein B99 homolog;

Gene ID

51512

mRNA Refseq

NM_016426

Protein Refseq

NP_057510

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM	607477
-----	--------

UniProt ID	Q9NYZ3
------------	--------

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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