

Recombinant Human GTSE1 Protein, GST-tagged

Cat. No. GTSE1-4479H **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	Wheat Germ
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 VERFIQESKLKINLFEKEKEMKKSPTSLKRETYLSDSPLLGPPVGEPRLLASSPALP SSGAQARLTRAPGPPHSAHALPRESCTAHAASQAATQRKPGTKLLLPRAASVRGRS IPGAAEKPKKEIPASPSRTKIPAEKESHRDVLDPKPAPGAVNVPAAGSHLGQGKRAIP VPNKLGLKKTLKAPGSTSNLARKSSSGPVWVGASSACTSPAVGKAKSSEFASIPAN SSRPLSNISKSGRMGPAMLRPALPAGPVGASSWQAKRVDVSELAEEQLTAPPSASP TQPQTPEGGGQWLNSSCAWSESSQLNKTRSIIRRDSCLSNKTVMPTPTNQFKIP KFSIGDSPDSSTPKLSRAQRPQSCTSVGRVTVHSTPVRSSGPAPQSLLSARRVSA

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LPTPASRRCSGLPPMTPKTM PRAVGSPLCVPARRRSSEPRKNSAMRTEPTRESNR
 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

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MIM	607477
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UniProt ID	Q9NYZ3
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