



Recombinant Human G2 and S phase-expressed protein 1 (GTSE1)

Product Code	CSB-BP889155HU
Abbreviation	GTSE1
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NYZ3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDDPKKEDIL LLADEKDFDFD LSLSSSSANE DDEVFFGPFPG HKERCIAASL ELNNPVPEQP PLPTSESPFA WSPLAGEK FV EVYKEAHLA LHISSSRNQ AAQAAKPEDP RSQGVERFIQ ESKLKINLFE KEKEMKKSPT SLKRETY YLS DSPLLGPPVG EPRLLASSPA LPSSGAQARL TRAPGPPHSA HALPRESCTA HAASQAATQR KPGTKLLLPR AASVRGRSIP GAAEKPKKEI PASPSRTKIP AEKESHRDVL PDKPAPGAVN VPAAGSHLGQ GKRAIPVPNK LGLKKTLLKA PGSTSNLARK SSSGPVWSGA SSACTSPAVG KAKSSEFASI PANSSRPLSN ISKSGRMGPA MLRPALPAGP VGASSWQAKR VDVSELA AEQ LTAPPSASPT QPQTPEGGGQ WLNSSCAWSE SSQLNKTRSI RRRDSC LNSK TKVMPTPTNQ FKIPKFSIGD SPDSSTPKLS RAQR PQSCTS VGRVTVHSTP VRRSSGPAPQ SLLSAWRVSA LPTPASRRCS GLPPMTPKTM PRAVGSPLCV PARRRSSEPR KNSAMRTEPT RESNRKTDSR LVDVSPDRGS PPSRVPQALN FSPEESDSTF SKSTATEVAR EEAKPGGDAA PSEALLVDIK LEPLAVTPDA ASQPLIDLPL IDFCDTPEAH VAVGSESRPL IDLMTNTPDM NKNVAKPSPV VGQLIDLSSP LIQLSPEADK ENVDSPLLKF
Source	Baculovirus
Target Names	GTSE1
Protein Names	Recommended name: G2 and S phase-expressed protein 1 Short name= GTSE-1 Alternative name(s): Protein B99 homolog
Expression Region	1-720
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.