



# Recombinant Mouse G2 and S phase-expressed protein 1 (Gtse1)

<b>Product Code</b>	CSB-EP840256MO-B
<b>Abbreviation</b>	Gtse1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8R080
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDAGSKKEDF LLEDEKDFD DLSLSSSSTN EDDEVFFGPV GHKERCIAAS LDLNRRVPGQ PLAPGSGSPC TSLPLTGEKF VEVYKEAHL ALQIESHSRR EVAQAATPQN PVNQGKETFV QDSQLKVSFL EKEQKRDRSP MSLKRETFCL PSSRVQPPMG EPQLLASPGL LSSPVSAGPA QTQSNQGLPC SSQPLPRESS TSQPPSQAGP QKRITSKLQP PRALPVRGRN LHLATEKLLK EVPASIQRTK LVNEKGSQSD VLQDKPSTAP DAASREGHPG KRSLPIGKL GLKKTLLKPP GYTGNLTRKS STSGSASSLE SGVYRSSVAG KAKSSEQRSS IPASGSQRRT STSKSGRIGP AASRQALPAA PARVFRQAN KADAAQVAE QPKVPTLSPL TQQPQTPEQR GPRLD PDTET PQLNKTVSIK RRDSYL SCKT EAVSTTTNPF KVPQFSVGES PGGVTPKFSR THRLQSWTPA SRVVSSTPVR RSSGTT PQGL PGSMRTPLST RRMSVLPTPA SRRLSSLPLM APQSMPRALV SPLCVPARRL SSEPRRRSTV RAELTQESSG SGSGGQAQGL SDESSSPPS SVPQALNFSP EKSASPPPQG SSTGAAQGEA EPPEDTLPSE VHGGGCSHTP SEGLLLDLKL DQLTITPEAG GRDLADCPLI DFSNTPESENT ALGPSSWPLI DLIMNTPDMG RNDVGKPAKA ELGQLIDLGS PLIQLSPEAD KENVDSPLLK F
<b>Source</b>	E.coli
<b>Target Names</b>	Gtse1
<b>Protein Names</b>	Recommended name: G2 and S phase-expressed protein 1 Short name= GTSE-1 Alternative name(s): Protein B99
<b>Expression Region</b>	1-741
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**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.

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**Shelf Life**

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