

Datasheet for ABIN7559620  
**GTSE1 Protein (AA 1-741) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GTSE1
Protein Characteristics:	AA 1-741
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GTSE1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Gtse1 Protein expressed in mammalian cells.
Sequence:	MDAGSKKEDF LLEDEKDFD DLSLSSSSTN EDDEVFFGPV GHKERCIAAS LDLNRRVPGQ PLAPGSGSPC TLSPLTGEKF VEYKAEHLL ALQIESHSRR EVAQAATPQN PVNQKETFV QDSQLKVSFL EKEQKRDRSP MSLKRETFCL PSSRVQPPMG EPQLLASPGL LSSPVSAGPA QTQSNQGLPC SSQPLPRESS TSQPPSQAGP QKRITSKLQP PRALPVRGRN LHLATEKLLK EVPASIQRTK LVNEKGSQSD VLQDKPSTAP DAASREGHPG KRSLPIPGKL GLKKTLLKPP GYTGNLTRKS STSGSASSLE SGVYRSSVAG KAKSSEQRSS IPASGSQRRT STSKSGRIGP AASRQALPAA PARVFGQRAN KADAAQTVAE QPKVPTLSPL TQQPQTPEQR GPRLDPDTE PQLNKTVSIK RRDSYLSCKT EAVSTTTNPF KVPQFSVGES PGGVTPKFSR THRLQSWTPA SRVVSSTPVR RSSGTTTQGL PGSMRTPLST RRMSVLPTPA SRRLSSLPLM APQSMPRALV SPLCVPARRL SSEPRRRSTV RAELTQESSG SGSGGQAQGL SSEDESSPPS SVPQALNFSP EKSASPPPQG SSTGAAQGEA EPPEDTLPSE VHGGGCSHTP SEGLLLDLKL DQLTITPEAG GRDLADCPLI DFSNTPESNT ALGPSSWPLI DLIMNTPDMG RNDVGKPAKA ELGQLIDLGS

## Product Details

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PLIQLSPEAD KENVDSPLLK F **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

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**Target:** GTSE1

**Alternative Name:** Gtse1 ([GTSE1 Products](#))

**Background:** G2 and S phase-expressed protein 1 (GTSE-1) (Protein B99),FUNCTION: May be involved in p53-induced cell cycle arrest in G2/M phase by interfering with microtubule rearrangements that are required to enter mitosis. Overexpression delays G2/M phase progression.

**Molecular Weight:** 78.8 kDa

**UniProt:** [Q8R080](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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