

## Recombinant Human TES protein, GST-tagged

Cat. No. TES-31216TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TES protein(108-323 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	108-323 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	TVTYEWAPPVQNLARQYMQMLPKKQPVAGSEGAQYRKKQLAKQLPAHDQDP SKCHELSPREVKEMEQFVKKYKSEALGVGDVKLPCEMDAQQPKQMNIPGGDRSTP AAVGAMEDKSAEHKRTQYSCYCCKLSMKEGDPAIYAERAGYDKLWHPACFVCSTC HELLVDMIYFWKNEKLYCGRHYCDSEKPRCAGCDELIFSNEYTQAENQNWHL
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**

**Gene Name** TES testis derived transcript (3 LIM domains) [ Homo sapiens ]

**Official Symbol** TES

**Synonyms** TES; testis derived transcript (3 LIM domains); testin; DKFZP586B2022; TESS 2; TESTIN; TESS; TESS-2; MGC1146; DKFZp586B2022;

**Gene ID** 26136

**mRNA Refseq** NM\_015641

**Protein Refseq** NP\_056456

**MIM** 606085

**UniProt ID** Q9UGI8

**SDS-PAGE**

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