Recombinant Human TERT protein, GST-tagged

Cat. No. TERT-5743H **Lot. No.** (See product label)

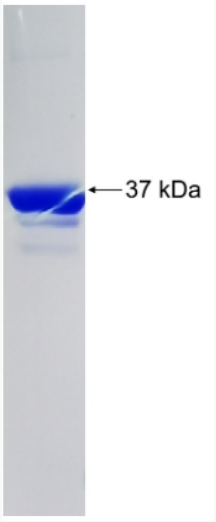
SPECIFICATION

Product Overview	Recombinant Human TERT protein(219-320 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	219-320 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 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).
AASequence	MPGARRRGGSASRSLPLPKRPRRGAAPEPERTPVGQGSWAHPGRTRGPSDRGFC VVSPARPAEEATSLEGALSGTRHSHPSVGRQHHAGPPSTSRPPRPWDTP
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TERT telomerase reverse transcriptase [Homo sapiens]
Official Symbol	TERT
Synonyms	TERT; telomerase reverse transcriptase; EST2; hEST2; TCS1; TP2; TRT; telomerase catalytic subunit; telomerase-associated protein 2; hTRT; DKCA2; DKCB4;
mRNA Refseq	NM_001193376
Protein Refseq	NP_001180305
UniProt ID	O14746
Gene ID	7015
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA