

Recombinant Mouse Tert Protein, His/GST-tagged

Cat. No. Tert-439M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tert(Gln642~Lys974) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln642~Lys974
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	67.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name [Tert telomerase reverse transcriptase \[Mus musculus \]](#)

Official Symbol [Tert](#)

Synonyms TERT; telomerase reverse transcriptase; telomerase catalytic subunit; telomerase reverse transcriptase beta; TR; TP2; TRT; EST2; TCS1; MGC150124;

Gene ID [21752](#)

mRNA Refseq [NM_009354](#)

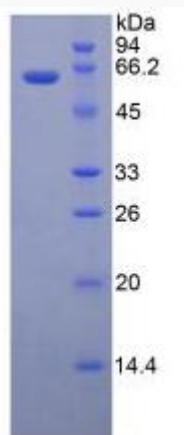
Protein Refseq [NP_033380](#)

UniProt ID [O70372](#)

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