

Telomerase Reverse Transcriptase (TERT) Recombinant Protein | TERT recombinant protein

Recombinant Telomerase Reverse Transcriptase (TERT)

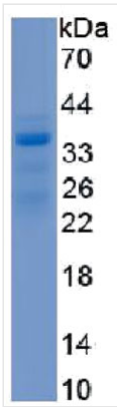
CATALOG # AAA134367	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

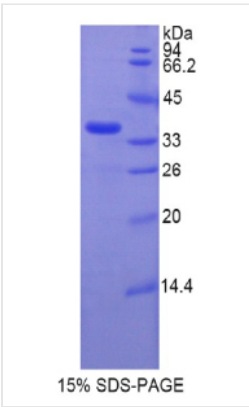
Telomerase Reverse Transcriptase (TERT); Recombinant Telomerase Reverse Transcriptase (TERT); TERT recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 120ug/mL (varies by lot)
Sequence	TSDSYRIWRT FVLRVRLDQ TPRMYFVKAD VTGAYDAIPQ DKLVEIVANI IRRSESMYCI RQYAVVQKDS QGQVHKSFRR QVSTLSDLQP YMGQFTKHLQ DSDASALRNS VVIEQSISMN ETGSSLLHFF LRFVRHSVVK IDGRFYVQCQ GIPQGSSLST LLCSLCFGDM ENKLFAEVQQ DGLLLRFVDD FLLVTPHLAH AKAFLSTLVH GVPEYGCMIN LQKTVVNFVP ETGALGGAAP HQLPAHCLFP WCGLLLDTRT LEVFCDYSGY GRYSIKMSLT FQGVSRAGKT MRYKLLSVLR LKCH
Applicable Applications for TERT recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr673~His976
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	8.9
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741827
NCBI GeneID	301965
NCBI Accession #	NP_445875.1
NCBI GenBank Nucleotide #	NM_053423.1
UniProt Accession #	Q673L6; Q1LZ57; Q4U0V7; Q673L3; Q673L5; Q80SU5
Molecular Weight	Predicted Molecular Mass: 35.8kDa Accurate Molecular Mass: 35kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	telomerase reverse transcriptase
NCBI Official Synonym Full Names	telomerase reverse transcriptase
NCBI Official Symbol	Tert
NCBI Protein Information	telomerase reverse transcriptase; telomerase catalytic subunit
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	Tert
UniProt Entry Name	TERT_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.