

Telomerase reverse transcriptase (Tert), partial Recombinant Protein | Tert recombinant protein

Recombinant Mouse Telomerase reverse transcriptase (Tert), partial

CATALOG # AAA115229	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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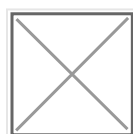
PRODUCT SYNONYMS

Telomerase reverse transcriptase (Tert); partial; Recombinant Mouse Telomerase reverse transcriptase (Tert); Telomerase reverse transcriptase; EC=2.7.7.49; Telomerase catalytic subunit; Tert recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	595-928aa; Partial
Sequence	EVRRHQDTWL AMPICRLRFI PKPNGLRPV NMSYSMGTRA LGRRKQAQHF TQRLKTLFSM LNYERTKHPH LMGSSVLGMN DIYRTWRAV LVRALDQTP RMYFVKADVT GAYDAIPQ GK LVEVVANMIR HSESTYCI RQ YAVVRRDSQG QVHKSFRQV TTLSDLQPYM GQFLKHLQDS DASALRNSV IEQSISMNES SSSLFDFFLH FLRHVVVKIG DRCYTQCQGI PQGSSLTLL CSLCFGDMEN KLFAEVQRDG LLLRFVDDFL LVTPHLDQAK TFLSTLVHGV PEYGCMINLQ KTVVNFVPEP GTLGGAAPYQ LPAHCLFPWC GLLL
Sequence Length	928
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Tert recombinant protein	Telomerase is a ribonucleoprotein enzyme essential for the replication of chromosome termini in most eukaryotes. Active in progenitor and cancer cells. Inactive, or very low activity, in normal somatic cells. Catalytic component of the telomerase holoenzyme complex whose main activity is the elongation of telomeres by acting as a reverse transcriptase that adds simple sequence repeats to chromosome ends by copying a template sequence within the RNA component of the enzyme. Catalyzes the RNA-dependent extension of 3'-chromosomal termini with the 6-nucleotide telomeric repeat unit, 5'-TTAGGG-3'. The catalytic cycle involves primer binding, primer extension and release of product once the template boundary has been reached or nascent product translocation followed by further extension. More active on substrates containing 2 or 3 telomeric repeats. Telomerase activity is regulated by a number of factors including telomerase complex-associated proteins, chaperones and polypeptide modifiers. Modulates Wnt signaling. Plays important roles in aging and antiapoptosis
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678291
NCBI GeneID	21752
NCBI Accession #	NP_033380.1
NCBI GenBank Nucleotide #	NM_009354.1
UniProt Accession #	O70372; O35432; Q9JK99
Molecular Weight	54.1 kDa
NCBI Official Full Name	telomerase reverse transcriptase
NCBI Official Synonym Full Names	telomerase reverse transcriptase
NCBI Official Symbol	Tert
NCBI Official Synonym Symbols	TR; TP2; TRT; EST2; TCS1
NCBI Protein Information	telomerase reverse transcriptase; telomerase catalytic subunit; telomerase reverse transcriptase beta
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	Tert
UniProt Entry Name	TERT_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/tert-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115229>