Recombinant Human TERT protein, His-tagged

Cat. No. TERT-056H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TERT protein(O14746)(409aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	409aa
Molecular Mass	46.9kDa
AA Sequence	MHHHHHHSPG VGCVPAAEHR LREEILAKFL HWLMSVYVVE LLRSFFYVTE TTFQKNRLFF YRKSVWSKLQ SIGIRQHLKR VQLRELSEAE VRQHREARPA LLTSRLRFIP KPDGLRPIVN MDYVVGARTF RREKRAERLT SRVKALFSVL NYERARRPGL LGASVLGLDD IHRAWRTFVL RVRAQDPPPE LYFVKVDVTG AYDTIPQDRL TEVIASIIKP QNTYCVRRYA VVQKAAHGHV RKAFKSHVST LTDLQPYMRQ FVAHLQETSP LRDAVVIEQS SSLNEASSGL FDVFLRFMCH HAVRIRGKSY VQCQGIPQGS ILSTLLCSLC YGDMENKLFA GIRRDGLLLR LVDDFLLVTP HLTHAKTFLR TLVRGVPEYG CVVNLRKTVV NFPVEDEALG GTAFVQMPA

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Endotoxin	< 1EU/μg
Purity	>95%(SDS-PAGE & RP-HPLC)
Storage	If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C. Avoid multiple freeze-thaws.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 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;
Gene ID	7015
mRNA Refseq	NM_001193376
Protein Refseq	NP_001180305
UniProt ID	O14746

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