

Recombinant Human TELO2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TELO2-6284H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TELO2 MS Standard C13 and N15-labeled recombinant protein (NP_057195) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that functions as an S-phase checkpoint protein in the cell cycle. The protein may also play a role in DNA repair.
Molecular Mass	91.8 kDa
AA Sequence	MEPAPSEVRLAVREAIHALSSSEDGGHIFCTLESLKRYLGEMEPPALPREKEEFASA HFSPVLRCLASRLSPAWLELLPHGRLEELWASFFLEGPADQAFLVLMETIEGAAGPS FRLMKMARLLARFLREGRLAVLMEAQCRQQTRPGFILLRETLLGKVVALPDHLGNRL QQENLAEFFPQNYFRLLGEEVVRVLQAVVDSLQGGLDSSVSFVSQVLGKACVHGR QQEILGVLVPRLAALTQGSYLHQRVCWRLVEQVPDRAMEAVLTGLVEAALGPEVLS RLLGNLVVKNKKAQFVMTQKLLFLQSRLTTPMLQSLLGHLAMDSQRRPLLLQVLKEL LETWGSSSAIRHTPLPQQRHVSKAVLICLAQLGEPELRDSRDELLASMMAGVKCRL DSSLPPVRRRLGMIVAEVVSARIHPEGPPLKFQYEEDELSLELLALASPQPAGDGASE AGTSLVPATAEPPAETPAEIVDGGVPQAQLAGSDSDLDSDDEFVPYDMSGDRELKS SKAPAYVRDCVEALTTSEDIERWEAALRALEGLVYRSPTATREVSVELAKVLLHLEE KTCVVGFAGLRQRALVAVTVTDPAPVADYLT SQFYALNYSRQRM DILDVLT LAAQE

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LSRPGCLGRTPQPGSPSPNTPCLPEAAVSQPGSAVASDWRVVVEERIRSKTQRLSK
GGPRQGPAGSPSRFNSVAGHFFFLLQRFDRPLVTFDLLGEDQLVLGRLAHTLGAL
MCLAVNTTVAVAMGKALLEFVWALRFHIDAYVRQGLLSAVSSVLLSLPAARLLEDLM
DELLEARSWLADVAEKDPDEDCRTLALRALLLLQRLKNRLLPPASPTRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [TELO2 telomere maintenance 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [TELO2](#)

Synonyms TELO2; telomere maintenance 2; CLK2; TEL2; YHFS; telomere length regulation protein TEL2 homolog; TEL2, telomere maintenance 2, homolog; protein clk-2 homolog

Gene ID [9894](#)

mRNA Refseq [NM_016111](#)

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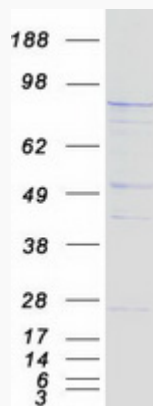
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Protein Refseq NP_057195

MIM 611140

UniProt ID Q9Y4R8

SDS-PAGE



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