

# Recombinant Full Length Human TELO2 Protein, C-Flag-tagged

Cat. No. TELO2-1975HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human TELO2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	91.6 kDa
<b>AA Sequence</b>	MEPAPSEVRLAVREAIHALSSSEDGGHIFCTLESLKRYLGEMEPPALPREKEEFASA HFSPVLRCLASRL SPAWLELLPHGRLEELWASFFLEGPADQAFVLVLMETIEGAAGP SFRLMKMARLLARFLREGRLAVLMEAQ CRQQTRPGFILLRETLGKVVVALPDHLGN RLQQENLAEFFPQNYFRLLGEEVVRVQLQAVVDSLQGGLDSS VSFVSQVLGKACVH GRQQEILGVLVPRLAALTQGSYLHQRVCWRLVEQVPDRAMEAVLTGLVEAALGPEV LSRLLGNLVVKNKKAQFVMTQKLLFLQSRLTTPMLQSLLGHLAMDSQRRPLLLQVLK ELLETWGSSSAIR HTPLPQQRHVSKAVLICLAQLGEPELRDSRDELLASMMAGVKC RLDSSLPPVRRRLGMIVAEVVSARIHPE GPPLKFQYEEDELSLELLALASPQPAGDGA SEAGTSLVPATAEPPAETPAEIVDGGVPQAQLAGSDSDLD SDDEFVPYDMSGDREL KSSKAPAYVRDCVEALTTSEDIERWEAALRALEGLVYRSPTATREVSVELAKVL LHL

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EEKTCVVGFAGLRQRALVAVTVTDPAPVADYLT SQFYALNYS LRQRMDILDVLT LAA  
 QELSRPGCLG RTPQPGSPSPNTPCLPEAAVSQPGSAVASDWRVVVEERIRSKTQR  
 LSKGGPRQGPAGSPSRFNSVAGHFF FPLLQRFDRPLVTFD LLGEDQLVLGRLAHTL  
 GALMCLAVNTTVAVAMGKALLEFVWALRFHIDAYVRQGL LSAVSSVLLSLPAARLLE  
 DLMDELLEARSWLADVAEKDPDEDCRTLALRALLLLQRLKNRLLPPASP TRTRPLE  
 QKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	TELO2 telomere maintenance 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TELO2
<b>Synonyms</b>	CLK2; TEL2; YHFS
<b>Gene ID</b>	9894

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mRNA Refseq [NM\\_016111.4](#)


Protein Refseq [NP\\_057195.2](#)

MIM [611140](#)


UniProt ID [Q9Y4R8](#)



Coomassie blue staining of purified TELO2 protein.

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