

**AR50990PU-N****Human TEN1 (1-123, His-tag) - Purified**

<b>Alternate names:</b>	C17orf106, CST complex subunit TEN1, TEN1 telomerase capping complex subunit homolog
<b>Quantity:</b>	0.25 mg
<b>Concentration:</b>	0.5 mg/ml (determined by Bradford assay)
<b>Background:</b>	TEN1 is component of the CST complex, a complex that binds to single-stranded DNA and is required to protect telomeres from DNA degradation. The CST complex binds single-stranded DNA with high affinity in a sequence-independent manner, while isolated subu
<b>Uniprot ID:</b>	<a href="#">Q86WV5</a>
<b>NCBI:</b>	<a href="#">NP_001106795</a>
<b>GeneID:</b>	<a href="#">100134934</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol, 1mM DTT
<b>Description:</b>	<b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMLPKPG TYLPEVSA QVDPDGSTLR TFGRLCLYDM IQRVTLMAQ HGSDQHQLV CTKLVEPFHA QVGLYIVLG ELQHQQDRGS VVKARVLTVCV EGMNLPLLEQ AIREQRLYKQ ERGGSQ <b>Molecular weight:</b> 16.2 kDa (146aa), confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Miyake Y., et al. (2009) Mol. Cell 36:193-206.

Pictures:

