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

C17orf106, CST complex subunit TEN1, TEN1 telomerase capping complex subunit Alternate names:

homolog

Quantity: 50 µg

Concentration: 0.5 mg/ml (determined by Bradford assay)

Background: 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

Uniprot ID: Q86WV5

NCBI: NP 001106795

GeneID: 100134934 **Species:** Human Source: F. coli

Format: State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol,

1mM DTT

Description: AA Sequence:

> MGSSHHHHHH SSGLVPRGSH MGSMMLPKPG TYYLPWEVSA GQVPDGSTLR TFGRLCLYDM IQSRVTLMAQ HGSDQHQVLV CTKLVEPFHA QVGSLYIVLG ELQHQQDRGS VVKARVLTCV

EGMNLPLLEQ AIREQRLYKQ ERGGSQ

Molecular weight: 16.2 kDa (146aa), confirmed by MALDI-TOF

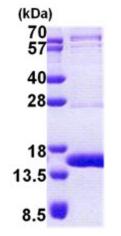
Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Storage:

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Miyake Y., et al. (2009) Mol. Cell 36:193-206.



Pictures:



15% SDS-PAGE (3ug)