

Product information

TCEAL7, 1-100 aa

Human, His-tagged, Recombinant, *E.coli*

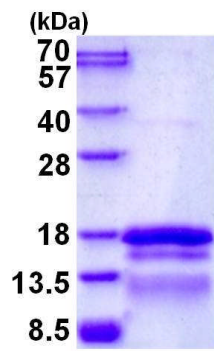
Cat. No. IBATGP1616

Full name: Transcription elongation factor A (SII)-like 7

NCBI Accession No.: NP_689491

Synonym: MPMGp800C04260Q003

Description: TCEAL7 plays a role in the negative regulation of NF-kappa-B signaling at the basal level by modulating transcriptional activity of NF-kappa-B on its target gene promoters. It associates with cyclin D1 promoter containing Myc E-box sequence and transcriptionally represses cyclin D1 expression. This protein regulates telomerase reverse transcriptase expression and telomerase activity in both ALT (alternative lengthening of telomeres) and telomerase-positive cell lines. Recombinant human TCEAL7 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol 0.2M NaCl, 2mM DTT</p> <p>Molecular Weight: 14.8kDa(124aa) confirmed by MALDI-TOF</p> <p>Purity: > 80% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	
<p>Sequences of amino acids: <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMQKPKCK</u> ENEGKPKCSV PKREEKRPYG EFERQQTEGN FRQRLQSL EFKEDIDYRH FKDEEMTREG DEMERCLEEI RGLRKKFRAL HSNHRHSRDR PYP I</p>	

General references:

Lafferty-Whyte, K., *et al.* (2010) *Neoplasia* 12 (5), 405-414

Rattan, R., *et al.* (2010) *Oncogene* 29 (9), 1362-1373

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.