

TCEAL7, 1-100aa, Human, His tag, E.coli

Cat.NO.: TP04165

3th Edition

Synonyms:Transcription elongation factor A (SII)-like 7, 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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT

Molecular Weight:14.8kDa(124aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMQPKCKENEGKPKCSVPKREEKRPYGEFERQQTEGNFRQLLSLEEFK
EDIDYRHFKDEEMTREGDEMERCLEEIRGLRKKFRALHSNHRHSRDRPYPI

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.