

Recombinant human TCEAL7 protein

Catalog Number: ATGP1616

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-100aa

UniProt No.

Q9BRU2

NCBI Accession No.

NP_689491

Alternative Names

Transcription elongation factor A (SII)-like 7, MPMGp800C04260Q003

PRODUCT SPECIFICATION

Molecular Weight

14.8 kDa (124aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

MGSSHHHHHH SSSLVPRGSH MGSHMQKPKC ENEGPKCSV PKREEKRPYG EFERQQTEGN FRQRLQSLE EFKEDIDYRH
FKDEEMTREG DEMERCLEEI RGLRKKFRAL HSNHRHSRDR PYPYI

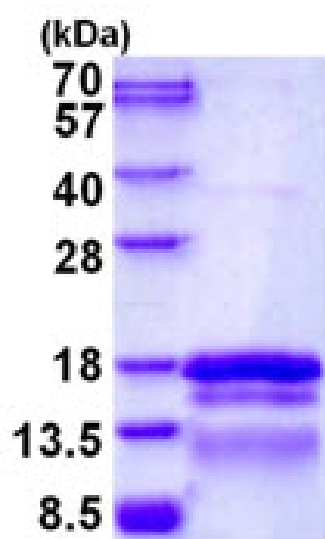
General References

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

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)