

Recombinant human TCEAL1 protein

Catalog Number: ATGP1070

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-159aa

UniProt No.

Q15170

NCBI Accession No.

NP_004771

Alternative Names

Transcription elongation factor A protein-like 1, p21, pp21, SIIR

PRODUCT SPECIFICATION

Molecular Weight

19.7 kDa (167aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 0.1M NaCl

Purity

> 90% 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

TCEAL1 (Transcription elongation factor A protein-like 1) is belongs to transcription elongation factor A (SII) -like (TCEAL) family. This family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. It involved in transcriptional regulation. This protein expressed in all tissues, especially highly expressed in heart, ovary, prostate and skeletal muscle. Recombinant human TCEAL1 protein, fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MDKPRKENEE EPQSAPKTDE ERPPVEHSPE KQSPEEQSSE EQSSEEEFFP EELLPELLPE MLLSEERPPQ EGLSRKDLFE
GRPPMEQPPC GVGKHKLEEG SFKERLARSR PQFRGDIHGR NLSNEEMIQA ADELEEMKRV RNKLMIMHWK AKRSRPYPIL
EHHHHHH

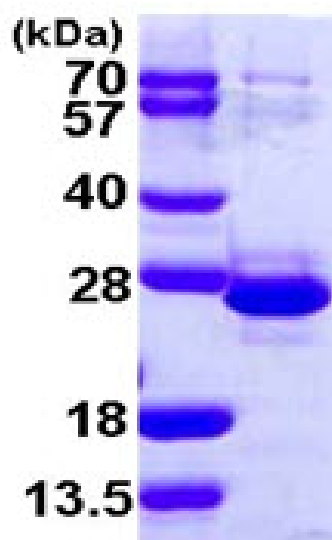
General References

Pillutla R.C., et al. (1999) Genomics 56:217-220

Yeh CH., et al. (1994) Gene 143 (2): 285-7

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)