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# **Recombinant human TCEAL1 protein**

Catalog Number: ATGP1070

#### PRODUCT INFORMATION

# **Expression system**

E.coli

#### **Domain**

1-159aa

#### **UniProt No.**

015170

#### **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. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

#### **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**

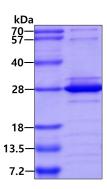
MDKPRKENEE EPQSAPKTDE ERPPVEHSPE KQSPEEQSSE EQSSEEEFFP EELLPELLPE MLLSEERPPQ EGLSRKDLFE GRPPMEQPPC GVGKHKLEEG SFKERLARSR PQFRGDIHGR NLSNEEMIQA ADELEEMKRV RNKLMIMHWK AKRSRPYPI<L EHHHHHH>

# **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.

