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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. 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

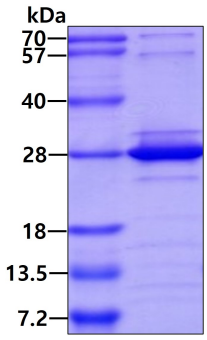
MDKPRKENEE EPQSAPKTDE ERPPVEHSPE KQSPEEQSSE EQSSEEEFFP EELLPELLPE MLLSEERPPQ EGLSRKDLFE GRPPMEQPPC GVGKHKLEEG SFKERLARSR PQFRGDIHGR NLSNEEMIQA ADELEEMKRV RNKLMIMHWK AKRSRPYPI<L EHHHHHH>

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.