

Product information

TCEAL1, 1-159 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1070

Full name: Transcription elongation factor A protein-like 1

NCBI Accession No.: NP_004771

Synonyms: p21, pp21, SIIR

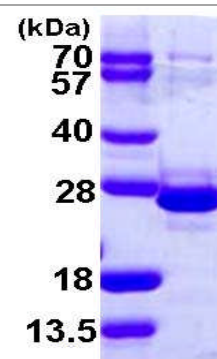
Description: TCEAL1 (Transcription elongation factor A protein-like 1) belongs to transcription elongation factor A (SII)-like (TCEAL) family. This family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. It is involved in transcriptional regulation. This protein is 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.

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

Molecular Weight: 19.7kDa (167aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MDKPRKENEK EPQSAPKTDE ERPPVEHSPE KQSPEEQSSE EQSSEEEFFP EELLPELLPE MLLSEERPPQ EGLSRKDLFE GRPPMEQPPC
GVGKHKLEEG SFKERLARSR PQFRGDIHGR NLSNEEMIQA ADELEEMKRV RNKLMIMHWK AKRSRYPYIL EHHHHHH

General references:

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

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

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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