

Recombinant Human transcription elongation factor A (SII)-like 1, His-tagged

Cat. No. TCEAL1-691H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCEAL1, 1-159aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-159 a.a.
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 0.1M NaCl
Molecular Mass	19.7kDa (167aa), confirmed by MALDI-TOF
AA Sequence	MDKPRKENEE EPQSAPKTDE ERPPVEHSPE KQSPEEQSSE EQSSEEEFFP EELLPELLPE MLLSEERPPQ EGLSRKDLFE GRPPMEQPPC GVGKHKLEEG SFKERLARSR PQFRGDIHGR NLSNEEMIQA ADELEEMKRV RNKLMIMHWK

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	AKRSRPYPIL EHHHHHHH
Purity	>90% by SDS - PAGE
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.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TCEAL1 transcription elongation factor A (SII)-like 1 [Homo sapiens]
Official Symbol	TCEAL1
Synonyms	TCEAL1; transcription elongation factor A (SII)-like 1; transcription elongation factor A protein-like 1; P21; p21; pp21; SIIR; TCEA-like protein 1; nuclear phosphoprotein p21/SIIR; transcription elongation factor S-II protein-like 1;
Gene ID	9338
mRNA Refseq	NM_001006639
Protein Refseq	NP_001006640
MIM	300237
UniProt ID	Q15170
Chromosome Location	Xq22.1

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Function

sequence-specific DNA binding transcription factor activity;

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