

Recombinant Human TCEAL1, His-tagged

Cat. No. TCEAL1-30813TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TCEAL1 Isoform 2 with C terminal His tag; 167 amino acids with tag; Predicted MWt 19.7 kDa.
Species	Human
Source	E.coli
ProteinLength	159 amino acids
Description	This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. Members of this family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. The encoded protein is similar to transcription elongation factor A/transcription factor SII and contains a zinc finger-like motif as well as a sequence related to the transcription factor SII Pol II-binding region. It may exert its effects via protein-protein interactions with other transcriptional regulators rather than via direct binding of DNA. Multiple family members are located on the X chromosome. Alternative splicing results in multiple transcript variants encoding a single isoform.
Conjugation	HIS
Molecular Weight	19.700kDa inclusive of tags
Tissue specificity	Expressed in all tissues examined. Highly expressed in heart, ovary, prostate and skeletal muscle. Moderately expressed in brain, placenta, testis and small intestine.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	Weakly expressed in lung, liver and spleen. Expressed in several cancer cell lines.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MDKPRKENEEEPQSAPKTDEERPPVEHSPEKQSPEEQSSEEQSSEEEFFPEELLPE LLPEMLLSEERPPQEGLSRKDLFEGRPPMEQPPCGVGKHKLEEGSFKERLARSRP QFRGDIHGRNLSNEEMIQAADLEEMKRVNRKLMIMHWKAKRSRPYPPILEHHHHHH
Sequence Similarities	Belongs to the TFS-II family. TFA subfamily.

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;
Gene ID	9338
mRNA Refseq	NM_001006639

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Protein Refseq	NP_001006640
MIM	300237
Uniprot ID	Q15170
Chromosome Location	Xq22.1
Function	sequence-specific DNA binding transcription factor activity;

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