

Recombinant Human TCEAL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TCEAL1-5536H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCEAL1 MS Standard C13 and N15-labeled recombinant protein (NP_004771) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	18.6 kDa
AA Sequence	MDKPRKENEEEPQSAPKTDEERPPVEHSPEKQSPEEQSSEEQSSEEEFFPEELLPE LLPEMLLSEERPPQEGLSRKDLFEGRPPMEQPPCGVGKHKLEEGSFKERLARSRP QFRGDIHGRNLSNEEMIQAADLEEMKRVNRKLMIMHWKAKRSRYPITRTRPLEQ KLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TCEAL1 transcription elongation factor A like 1 [Homo sapiens (human)]
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_004780
Protein Refseq	NP_004771
MIM	300237
UniProt ID	Q15170

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