

TCEAL1, 1-159aa, Human, His tag, E.coli

Cat.NO.: TP04163

3th Edition

Synonyms:Transcription elongation factor A protein-like 1, p21, pp21, SIIR

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

Sequences:

MDKPRKENEEEEQSAPKTDEERPPVEHSPEKQSPPEEQSSEEEQSSEEEFFPEELLPELLPEMLLSEERPPQEGLSR
KDLFEGRPPMEQPPCGVGKHKLEEGSFKERLARSRPQFRGDIHGRNLSNEEMIQAADLEEMKRVRNKLMMIMHW
KAKRSRPYPILHHHHHHH

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.