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Recombinant human TCEAL3 protein

Catalog Number: ATGP1582

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-200aa

UniProt No.

0969E4

NCBI Accession No.

NP 001006934

Alternative Names

Transcription elongation factor A protein-like 3, Transcription elongation factor A (SII)-like 3

PRODUCT SPECIFICATION

Molecular Weight

25 kDa (224aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TCEAL3, also known as transcription elongation factor A protein-like 3, is a member of the transcription elongation factor A (SII) -like (TCEAL) gene family. Members of this family contain TFA domains and may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. Multiple family members are located on the X chromosome. Recombinant human TCEAL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.



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Amino acid Sequence

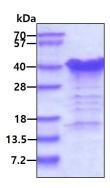
<MGSSHHHHHH SSGLVPRGSH MGS>HMEKPYN KNEGNLENEG KPEDEVEPDD EGKSDEEEKP DVEGKTECEG KREDEGEPGD EGQLEDEGSQ EKQGRSEGEG KPQGEGKPAS QAKPESQPRA AEKRPAEDYV PRKAKRKTDR GTDDSPKDSQ EDLQERHLSS EEMMRECGDV SRAQEELRKK QKMGGFHWMQ RDVQDPFAPR GQRGVRGVRG GGRGQRGLHD IPYL

General References

Molina H., et al. (2007) Proc. Natl. Acad. Sci. u.S.A. 104:2199-2204 Matsuoka S., et al. (2007) Science. 316:1160-1166

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

