

Recombinant Human TCEB3 cell lysate

Cat. No. TCEB3-1751HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

This gene encodes the protein elongin A, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation.

Size

100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

TCEB3 transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A) [Homo sapiens]

Official Symbol

TCEB3

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Synonyms	TCEB3; transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A); transcription elongation factor B (SIII), polypeptide 3 (110kD, elongin A); transcription elongation factor B polypeptide 3; SIII; TCEB3A; elongin-A; elongin 110 kDa subunit; transcription elongation factor B alpha subunit; RNA polymerase II transcription factor SIII subunit A1; EloA; SIII p110; FLJ38760; FLJ42849;
Gene ID	6924
mRNA Refseq	NM_003198
Protein Refseq	NP_003189
MIM	600786
UniProt ID	Q14241
Chromosome Location	1p36.1
Pathway	Disease, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem; Formation of RNA Pol II elongation complex, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem;
Function	DNA binding;

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