

# Recombinant Full Length Human TCEB1 Protein

Cat. No. TCEB1-521HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human TCEB1 with N terminal proprietary tag; Predicted MWt 38.06 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	112 amino acids
<b>Description</b>	<p>This gene encodes the protein elongin C, 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. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been identified.</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	38.060kDa inclusive of tags
<b>AA Sequence</b>	MDGEEKTYGGCEGPDAMYVKLISSDGHEFIVKREHALTSG TIKAMLSGPGQFAENE

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TNEVNFREIPSHVLSKVCMYFTYK VRYTNSSTEIPEFPPIAPEIALELLMAANFLDC

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** TCEB1 transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C) [ Homo sapiens ]

**Official Symbol** TCEB1

**Synonyms** TCEB1; transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C); transcription elongation factor B (SIII), polypeptide 1 (15kD, elongin C); transcription elongation factor B polypeptide 1; SIII

**Gene ID** 6921

**mRNA Refseq** NM\_001204863

**Protein Refseq** NP\_001191792

**MIM** 600788

**UniProt ID** Q15369

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