

Recombinant Human TCEB1

Cat. No. TCEB1-30815TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TCEB1 with N terminal proprietary tag; Predicted MWt 38.06 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	112 amino acids
Description	<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>
Molecular Weight	38.060kDa inclusive of tags
Tissue specificity	Overexpressed in prostate cancer cell line PC-3 and breast cancer cell line SK-BR-3.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDGEEKTYGGCEGPDAMYVKLISSDGHEFIVKREHALTSG TIKAMLSGPGQFAENE TNEVNFREIPSHVLSKVCMYFTYK VRYTNSSTEIPEFPPIAPEIALELLMAANFLDC
Sequence Similarities	Belongs to the SKP1 family.

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

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Uniprot ID	Q15369
Chromosome Location	8q13.3
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;
Function	protein binding;

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