Recombinant Human TCEB2

Cat. No. TCEB2-30816TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TCEB2 protein , predicted MWt: 13.1 kDa.
Species	Human
Source	E.coli
ProteinLength	118 amino acids
Description	This gene encodes the protein elongin B, 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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13.
Molecular Weight	13.100kDa
Form	Liquid
Purity	>95% by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage buffer	pH: 8.00Constituents:0.32% Tris HCl, 0.02% DTT, 0.02% PMSF, 20% Glycerol
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MDVFLMIRRH KTTIFTDAKE SSTVFELKRI VEGILKRPPD EQRLYKDDQL LDDGKTLGEC GFTSQTARPQ APATVGLAFR ADDTFEALCIEPFSSPPELP DVMKPQDSGS SANEQAVQ
Sequence Similarities	Contains 1 ubiquitin-like domain.

GENE INFORMATION

Gene Name	TCEB2 transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B) [Homo sapiens]
Official Symbol	TCEB2
Synonyms	TCEB2; transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B); transcription elongation factor B (SIII), polypeptide 2 (18kD, elongin B); transcription elongation factor B polypeptide 2; SIII;
Gene ID	6923
mRNA Refseq	NM_007108
Protein Refseq	NP_009039
MIM	600787

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Uniprot ID	Q15370
Chromosome Location	16p12.3
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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