

Datasheet for ABIN935006
TCEB2 Protein (AA 1-118)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	TCEB2
Protein Characteristics:	AA 1-118
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MDVFLMIRRH KTTIFTDAKE SSTVFELKRI VEGILKRPPD EQRLYKDDQL LDDGKTLGEC GFTSQTPARQ APATVGLAFR ADDTFEALCI EPFSSPPELP DVMKPPQDSGS SANEQAVQ
Characteristics:	Purified recombinant Human Elongin B protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	TCEB2
Alternative Name:	Elongin B (TCEB2 Products)
Background:	Elongin B, also known as TCEB2, is a subunit of the transcription factor B (SIII) complex. The SIII complex is a heterotrimer consisting of a transcriptionally active subunit (A) and two

Target Details

regulatory subunits (B and C). It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. The von Hippel-Lindau tumor suppressor protein (pVHL) binds to elongins B and C, and thereby inhibits transcription elongation. Recombinant TCEB2 was expressed as insoluble protein aggregate in *E. coli* and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Alternative Names: Elongin B protein, Transcription elongation factor B polypeptide 2 protein, Elongin 18 kDa subunit protein, SIII p18 protein, TCEB 2 protein, EloB protein, EloB protein, RNA polymerase II transcription factor SIII subunit B protein, Transcription elongation factor B (SIII) polypeptide 2., TCEB2 protein

Molecular Weight: 13.1 kDa (118 AA)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Elongin B protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0 mM DTT, 0.0 mM PMSF, and 20 % glycerol.

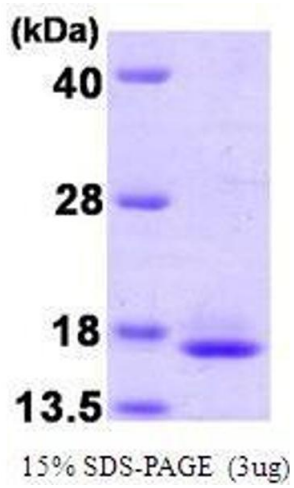
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.