
Product Data Sheet

Product Name: ELOB Human
 Cat. No.: GP23395
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	ELOB; SIII; Elongin B; Transcription elongation factor B polypeptide 2; RNA polymerase II transcription factor SIII subunit B; SIII p18; Elongin 18 kDa subunit; TCEB2.		
Amino Acid Sequence	MDVFLMIRRH KTTIFTDAKE SSTVFELKRI VEGILKRPPD EQRLYKDDQL LDDGKTLGEC GFTSQTARPQ APATVGLAFR ADDTFEALCIEPFSSPELP DVMKPQDSGS SANEQAVQ.		
Formulation	The TCEB2 protein solution contains 20mM Tris-HCl pH-8, 1mM DTT, 0.1mM PMSF, and 20% glycerol.		

Introduction

TCEB2 is a subunit of the SIII complex which is a heterotrimer consisting of a transcriptionally active subunit (A) and two regulatory subunits (B and C). TCEB2 initiates 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 binds to elongins B and C, and thereby inhibits transcription elongation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TCEB2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 118 amino acids (1-118) and having a molecular mass of 13.1 kDa. TCEB2 is purified by standard chromatography techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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