

**Elongin B, 1-118aa, Human, Recombinant, E.coli**

**Cat.NO.: TP02009**

3th Edition

**Synonyms:**Transcription elongation factor B polypeptide 2, TCEB2, RNA polymerase II transcription factor SIII subunit B, SIII p18, EloB, Elongin 18 kDa subunit

**Description:**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 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.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 0.1 mM PMSF, 20% glycerol

**Molecular Weight:**13.1 kDa (118 aa), confirmed by MALDI-TOF

**Sequences:**

DVFLMIRRHKTTIFTDAKESSTVFELKRIVEGILKRPPDEQRLYKDDQLLDGKTLGECGFTSQTPARPAPATVGLAF  
RADDTFEALCIEPFSSPPELPDVMKPQDSGSSANEQAVQ

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.