

32-13211: ELOB Mouse

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

Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

Elongin B (Elob) is a subunit of the transcription factor B (SIII) complex. SIII complex is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. The SIII complex comprised of a transcriptionally active subunit (A) and 2 regulatory subunits (B and C). Subunit A is transcriptionally active and its transcription activity is enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C. The von Hippel-Lindau tumor suppressor protein binds to elongin B and C and inhibits transcription elongation.

ELOB Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain of 141 amino acids (1-118 a.a.) having a molecular mass of 15.6 kDa. The Recombinant Mouse ELOB is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The protein (1mg/ml) contains PBS pH-7.4 containing 1mM DTT and 10% Glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMDVFLMI RRHKTTIFTD AKESSTVFEL KRIVEGILKR PPEEQRLYKD
DQLDDGKTL GECGFTSQTA RPQAPATVGL AFRADDTFEA LRIEPFSSPP ELPDVMKPDQD SGGSANEQAV
Q