

Elongin B Recombinant Protein | ELOB recombinant protein

Elongin B Mouse Recombinant

CATALOG #
AAA38051HOST
E Coli

PRODUCT SYNONYMS

Elongin B; Elongin B Mouse Recombinant; Transcription elongation factor B polypeptide 2; TCEB2; RNA polymerase II transcription factor SIII subunit B; SIII p18; Elob; Elongin 18 kDa subunit; ELOB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	Sterile filtered colorless solution. The protein (1mg/ml) contains PBS pH-7.4 containing 1mM DTT and 10% Glycerol.
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDVFLMI RRHKTTIFTD AKESSTVFEL KRIVEGILKR PPEEQRLYKD DQLLDDGKTL GECGFTSQTA RPQAPATVGL AFRADDTFEA LRIEPFSSPP ELPDVMKPQD SGGSANEQAV Q
Sequence Length	118
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for ELOB recombinant protein	Introduction: 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. Description: 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 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for ELOB recombinant protein	Recombinant & Natural Proteins

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_007108.3
UniProt Accession #	Q15370; B7WPD3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.