

Recombinant Human ELOB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELOB-5792H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCEB2 MS Standard C13 and N15-labeled recombinant protein (NP_996896) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the protein elongin B, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13.
Molecular Mass	17.7 kDa
AA Sequence	MDVFLMIRRHKTTIFTDAKESSTVFELKRIVEGILKRPPDEQRLYKDDQLLDDGKTLG ECGFTSQTARQPAPATVGLAFRADDTFEALCIEPFSSPPELPDVMKPPQDSGSSANE

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QAVHLHVHSQTMAKNRNTSWSQCPGLTACSTREPQDGPTQVHPRWGLTRTRPLE
QKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ELOB elongin B [Homo sapiens (human)]

Official Symbol ELOB

Synonyms ELOB; elongin B; SIII; TCEB2; elongin-B; RNA polymerase II transcription factor SIII p18 subunit; RNA polymerase II transcription factor SIII subunit B; SIII p18; elongin 18 kDa subunit; elongin, 18-kD subunit; epididymis secretory sperm binding protein; transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B); transcription elongation factor B polypeptide 2; transcription elongation factor B subunit 2

Gene ID 6923

mRNA Refseq NM_207013

Protein Refseq NP_996896

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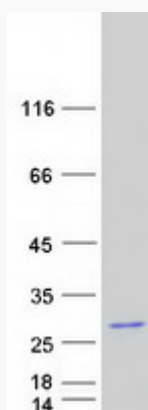
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MIM 600787

UniProt ID Q15370

SDS-PAGE



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