

## Product datasheet for **TP319239**

### **ELOB (NM\_207013) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B) (TCEB2), transcript variant 2, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC219239 representing NM_207013 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MDVFLMIRRHKTTIFTDAKESSTVFELKRIVEGILKRPPDEQRLYKDDQLLDDGKTLGECGFTSQTARPQ APATVGLAFRADDTFEALCIEPFSSPPELPDVMKPDQSGSSANEQAVHLHVHSQTMAKNRNTSWSQCPGL TACSTREPQDGPTQVHPRWGL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	17.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_996896</a>
<b>Locus ID:</b>	6923
<b>UniProt ID:</b>	<a href="#">Q15370</a> , <a href="#">A0A384MDL3</a>



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RefSeq Size: 609

Cytogenetics: 16p13.3

RefSeq ORF: 483

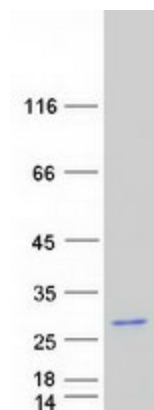
Synonyms: SIII; TCEB2

**Summary:** 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. [provided by RefSeq, Aug 2008]

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Pathways in cancer, Renal cell carcinoma, Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified ELOB protein (Cat# TP319239). The protein was produced from HEK293T cells transfected with ELOB cDNA clone (Cat# [RC219239]) using MegaTran 2.0 (Cat# [TT210002]).