

## Product datasheet for **RC219239L4V**

### **TCEB2 (ELOB) (NM\_207013) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	TCEB2 (ELOB) (NM_207013) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ELOB
Synonyms:	SIII; TCEB2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_207013
ORF Size:	483 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219239).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_207013.1</a>
RefSeq Size:	609 bp
RefSeq ORF:	486 bp
Locus ID:	6923
UniProt ID:	<a href="#">Q15370</a>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Pathways in cancer, Renal cell carcinoma, Ubiquitin mediated proteolysis



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**MW:** 17.7 kDa

**Gene 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]