

Product datasheet for RC206005L3

OriGene Technologies, Inc.

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TCEB3B (ELOA2) (NM_016427) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: TCEB3B (ELOA2) (NM_016427) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: ELOA2

Synonyms: HsT832; TCEB3B; TCEB3L

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

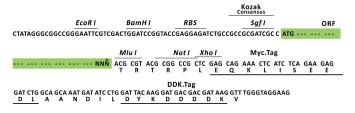
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC206005).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_016427

ORF Size: 2259 bp





TCEB3B (ELOA2) (NM_016427) Human Tagged Lenti ORF Clone - RC206005L3

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. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 016427.2</u>, <u>NP 057511.2</u>

 RefSeq Size:
 3062 bp

 RefSeq ORF:
 2262 bp

 Locus ID:
 51224

 UniProt ID:
 Q8IYF1

 Cytogenetics:
 18q21.1

Protein Families: Transcription Factors

MW: 83.9 kDa

Gene Summary: This gene encodes the transcriptionally active subunit of the SIII (or elongin) transcription

elongation factor complex, which also includes two regulatory subunits, elongins B and C. This complex acts to increase the rate of RNA chain elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites along the DNA template. Whereas a related protein with similar function, elongin A, is ubiquitously expressed, the encoded protein is specifically expressed in the testis, suggesting it may have a role in

spermatogenesis. [provided by RefSeq, Jul 2008]