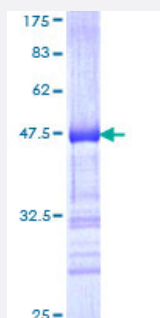


TCEB3 (Human) Recombinant Protein (Q01)

Catalog # H00006924-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TCEB3 partial ORF (NP_003189, 81 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NAEPDEQDFEKSNSRKRPDALQKEEEMEGDYQETWKATGSRSSYPDHRQKKHRKLSELERP HKVSHGHERRDERKRCRMSPTYSSDPESSDYGHVQSPPSCTSPHQMY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TCEB3

Entrez GeneID [6924](#)

GeneBank Accession# [NM_003198](#)

Protein Accession# [NP_003189](#)

Gene Name TCEB3

Gene Alias FLJ38760, FLJ42849, SIII, TCEB3A

Gene Description transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A)

Omim ID [600786](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the protein elongin A, 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. [provided by RefSeq]

Other Designations OTTHUMP00000002990|elongin A|transcription elongation factor B (SIII), polypeptide 3 (110kD)|transcription elongation factor B alpha subunit

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Thyroid Neoplasms](#)