

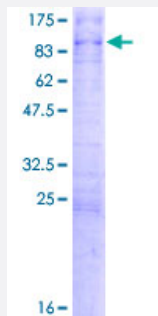
Full-Length

TCEB3 (Human) Recombinant Protein (P01)

Catalog # H00006924-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TCEB3 full-length ORF (NP_003189.1, 1 a.a. - 772 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAESALQVVEKLQARLAANPDPKLLKYLKKLSTLPITVDILAETGVGKTVNSLRKHEHVGSEFAR
DLVAQWKKLVPVERNAEPDEQDFEKSNSRKRPRDALQKEEEMEGDYQETWKATGSRSYSPDH
RQKKHRKLSELERPHKVSHGHERRDERKRCHMSPTYSSDPESSDYGHVQSPPSCTSPHQMY
VDHYRSLEEDQEPVSHQKPGKGHSNAFQDRLGASQERHLGEPHGKGVVSQNKEHKSSHDKDR
PVDAKSDEKASVVSREKSHKALSKEENRRPPSGDNAREKPPSSGVKKEKDREGSSLKKKCLP
PSEAASDNHLKKPKHRDPEKAKLDKSKQGLDSFDTGKGAGDLLPKVKEKGSNNLKTPEGKVKT
NLDRKSLGSLPKVEETDMEDEFEQPTMSFESYLSYDQPRKKKKKVKTSATALGDKGLKKNDK
STGKNLDSVQKLPKVNKTSEKPAAGADLAKLRKVPDVLPLPLPAIQANYRPLPSLELISSFQ
PKRKAFFSSPQEEEEAGFTGRRMNSKMQVYSGSKCAYLPKMMTLHQQCIRVLKNNIDSIFEVGGV
PYSVLEPVLERCTPDQLYRIEYNHVLIEETDQLWKVHCHRDFFKEERPEEYESWREMYRLQDAR
EQRLRVLTQNIQFAHANKPKGRQAKMAFVNSVAKPPRDVRRRQEKFGTGGAAPPEKIKIPAPYP
MGSSHASASSISFNPSPEEPAYDGPSTSSAHLAPVVSSTVSYPDKPTVKKIAPMMAKTIKAFKN
RFSRR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

113.6

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_003198.1
Protein Accession#	NP_003189.1
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]
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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](#)