9051 Mira Mesa Blvd, #910094
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TCEB1 Human

Transcription Elongation Factor B Polypeptide 1 Human Recombinant
RCP2343

Product Overview

Name	TCEB1 Human
Description	
Transcription Elongation Factor B Polypeptide 1 Human Recombinant	
Accession (Primary)	Q15369
Synonyms	
Transcription elongation factor B polypeptide 1, Elongin 15 kDa subunit, Elongin-C, EloC, RNA polymerase II transcription factor SIII subunit C, SIII p15, TCEB1, SIII.	
Introduction	
TCEB1 (elongin C) is a subunit of elongin, which is a common transcription elongation factor that increases the RNA polymerase II transcription elongation past template encoded arresting sites. The SIII complex is comprised of elongins A/A2, B and C. The SIII complex activates elongation by RNA polymerase II by curbing transient pausing of the polymerase at numerous sites within transcription units. Elongin A acts as the transcriptionally active component of the SIII complex, while elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and able to forming a stable complex with elongins B and C. The VHL (von Hippel-Lindau) tumor suppressor protein binds to elongins B and C, and thus inhibits transcription elongation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TCEB1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MDGEEKTYGG CEGPDAMYVK LISSDGHEFI VKREHALTSG TIKAMLSGPG	

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QFAENETNEV NFREIPSHVL SKVCMYFTYK VRYTNSSTEI PEFPIAPEIA LELLMAANFL DC.

Precautions

TCEB1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15369)