

Datasheet for ABIN7564530
TCEB3 Protein (AA 1-773) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TCEB3
Protein Characteristics:	AA 1-773
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCEB3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Eloa Protein expressed in mammalian cells.
Sequence:	<p>MAAESALQVV EKLQARLAAN PDPKLLKYL KKLSILPITV DILVETGVGK TVNSFRKHEQ</p> <p>VGNFARDLVA QWKKLVPVER NSEAEDQDFE KNNSRKRPRD ALQREEELEG NYQESWKPSG</p> <p>SRSYSPEHRQ KKHKKLSEPE RPHKVAHSHE KRDERKRCHK VSPPYSSDPE SSDYGHVQSP</p> <p>PPSSPHQMYT DLSRSPEEDQ EPIISHQKPG KVHSNTFQDR LGVSHLGEQG KGAVSHHKQH</p> <p>RSSHKEKHPA DAREDEKISA VSREKSHKAS SKEESRLLS GDSAKEKLPS SVVKKDKDRE</p> <p>GSSKKKKFSP ALDVASDNHF KKPCHKDSEK AKSDKNKQSV DGVDSGRGTG DPLPKAKEKV</p> <p>PNHLKAQEGK VRTNADGKSA GPLHPKAEET DVDDEFERPT MSFESYLSYD QPRKKKKKKV</p> <p>KTSSTALGEK GLKKKDSKST SKNLNSAQKL PKVNENKSEK LQPAGAEPTR PRKVPTDVL</p> <p>ALPDIPPAI HANYRPLPSL ELIPSFQPKR KAFSSPQEEE EAGFTGRRMN SKMQVYSGSK</p> <p>CAYLPKMMTL HQQCIRVLKN NIDSIFEVGG VPYSVLEPVL ERCTPDQLYR IEECNHVLIE</p> <p>ETDQLWKVHC HRDFKEERPE EYESWREMYL RLQDAREQRL RLLTNNIRSA HANKPKGRQA</p>

KMAFVNSVAK PPRDVRRRQE KFGTGGAAPV EKVRIPAPY TTGSSHVPAS NSSSNFHSSP
EELAYDGPST SSAHLAPVAS SSVSYDPRKP AVKKIAPMMA KTIKAFKNRF SRR **Sequence**
without tag. The proposed Purification-Tag is based on experiences with the expression
system, a different complexity of the protein could make another tag necessary. In case you
have a special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	TCEB3
Alternative Name:	EloA (TCEB3 Products)
Background:	<p>Elongin-A (EloA) (Elongin 110 kDa subunit) (RNA polymerase II transcription factor SIII subunit A1) (SIII p110) (Transcription elongation factor B polypeptide 3),FUNCTION: SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex). {ECO:0000250 UniProtKB:Q63187},, FUNCTION: As part of a multisubunit complex composed of elongin BC complex (ELOB and ELOC), elongin A/ELOA, RBX1 and CUL5, polyubiquitinates monoubiquitinated POLR2A.</p>

Target Details

	{ECO:0000250 UniProtKB:Q14241}.
Molecular Weight:	87.2 kDa
UniProt:	Q8CB77

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months