RNA Polymerase II Transcription Factor SIII Subunit A2 (TCEB3B) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA polymerase II transcription factor SIII subunit A2 (TCEB3B), Recombinant Protein
Full Product Name	Recombinant Human RNA polymerase II transcription factor SIII subunit A2 (TCEB3B)
Product Gene Name	TCEB3B recombinant protein
Product Synonym Gene Name	TCEB3B
Sequence	MAAGSTTLHA VEKLQVRLAT KTEPKKLEKY LQKLSALPMT ADILAETGIR KTVKRLRKHQ HVGDFARDLA ARWKKLVLVD RNTRPGPQDP EESASRQRFG EALQDQEKAW GFPENATAPR SPSHSPEHRR TARRTPPGQQ RPHPRSHSRE PRAERKCPRI APADSGRYRA SPTRTAPLRM PEGPEPAAPG KQPGRGHTHA AQGGPLLCPG CQGQPQGKAV VSHSKGHKSS RQEKRPLCAQ GDWHSPTLIR EKSCGACLRE ETPRMPSWAS ARDRQPSDFK TDKEGGQAGS GQRVPALEEA PDSHQKRPQH SHSNKKRPSL DGRDPGNGTH GLSPEEKEQL SNDRETQEGK PPTAHLDRTS VSSLSEVEEV DMAEEFEQPT LSCEKYLTYD QLRKQKKKTG KSATTALGDK QRKANESKGT RESWDSAKKL PPVQESQSER LQAAGADSAG PKTVPSHVFS ELWDLSEAWM QANYDPLSDS DSMTSQAKPE ALSSPKFREE AAFPGRRVNA KMPVYSGSRP ACQLQVPTLR QQCAQVLRNN PDALSDVGEV PYWVLEPVLE GWRPDQLYRR KKDNHALVRE TDELRRNHCF QDFKEEKPQE NKTWREQYLR LPDAPEQRLR VMTTNIRSAR GNNPNGREAK MICFKSVAKT PYDTSRRQEK SAGDADPENG EIKPASKPAG SSHTPSSQSS SGGGRDSSSS ILRWLPEKRA NPCLSSSNEH AAPAAKTRKQ AAKKVAPLMA KAIRDYKRRF SRR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	83,921 Da
Sequence Positions	1-753, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	609522
3D Structure	ModBase 3D Structure for Q8IYF1
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TCEB3B recombinant protein	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.
Other Notes	Small volumes of TCEB3B recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for TCEB3B purchase	MBS1384820 is a recombinant protein targeting TCEB3B. Also known as Recombinant Human RNA polymerase II transcription factor SIII subunit A2 (TCEB3B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TCEB3B. It may not necessarily be applicable to this product.

NCBI GI #	45439357
NCBI GeneID	51224
NCBI Accession #	NP_057511.2
UniProt Primary Accession #	Q8IYF1
UniProt Secondary Accession #	Q9P2V9
UniProt Related Accession #	Q8IYF1
GenBank Nucleotide #	NM_016427.2
NCBI Official Full Name	elongin-A2
NCBI Official Synonym Full Names	elongin A2
NCBI Official Symbol	ELOA2
NCBI Official Synonym Symbols	HsT832; TCEB3B; TCEB3L
UniProt Protein Name	Elongin-A2
UniProt Synonym Protein Names	RNA polymerase II transcription factor SIII subunit A2; Transcription elongation factor B polypeptide 3B
Protein Family	RNA polymerase II transcription factor
UniProt Gene Name	ELOA2
UniProt Synonym Gene Names	EloA2
NCBI Protein Information	elongin-A2
UniProt Comments for TCEB3B	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 A2 is transcriptionally active but its transcription activity is not enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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