

Recombinant human TBCEL protein

Catalog Number: ATGP1937

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-424aa

UniProt No.

Q5QJ74

NCBI Accession No.

NP_689928

Alternative Names

Tubulin-specific chaperone cofactor E-like protein, EI, LRRC35

PRODUCT SPECIFICATION

Molecular Weight

50.6 kDa (447aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Tubulin-specific chaperone cofactor E-like protein, also known as TBCEL, is a factor that regulate the microtubule cytoskeleton in determining cell behavior. Recombinant human TBCEL protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMDQPSGR SFMQVLCEKY SPENFPYRRG PGMGVHVPAT PQGSPMKDRL
NLPSVLVLNS CGITCAGDEK EIAAFCAHVS ELDLSDNKLE DWHEVSKIIVS NVPQLEFLNL SSNPLNLSVL ERTCAGSFSG

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VRKLVLNNSK ASWETVHMIL QELPDLEELF LCLNDYETVS CPSICCHSLK LLHITDNNLQ DWTEIRKLGV MFPSLDTLVL
ANNHLNAIEE PDDSLARLFP NLRISLHKS GLQSWEDIDK LNSFPKLEEV RLLGIPLLQP YTTEERRKLV IARLPSVSKL
NGSVVTDGER EDSERFFIRY YVDVPQEEVP FRYHELITKY GKLEPLAEVD LRPQSSAKVE VHFNDQVEEM SIRLDQTVAE
LKKQLKTLVQ LPTSNMLLYY FDHEAPFGPE EMKYSSRALH SFGIRDGDKI YVESKTK

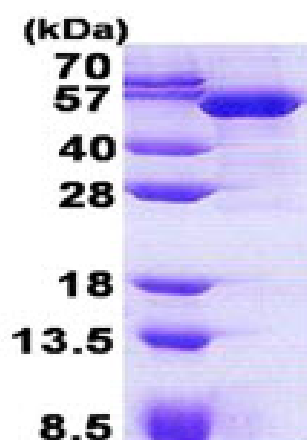
General References

Bartolini F., et al. (2005) J. Cell Sci. 118:1197-1207

Ota T., et al. (2004) Nat. Genet. 36:40-45

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)