

Product information

TBCEL, 1-424aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1937

Full name: Tubulin-specific chaperone cofactor E-like protein

NCBI Accession No.: NP_689928

Synonyms: EI, LRRC35

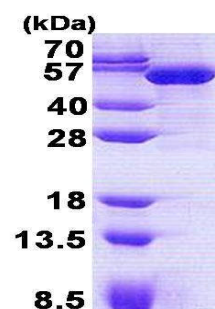
Description: Tubulin-specific chaperone cofactor E-like protein, also known as TBCEL, is a factor that regulate the microtubule cytoskeleton in determining cell behavior. Recombinant human TBCEL protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography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

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

Molecular Weight: 50.6 kDa (447aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMDQPSGR SFMQVLCEKY SPENFPYRRG PGMGVHPAT PQGSPMKDRL NLPSVLVLNS CGITCAGDEK
EIAAFCAHVS ELDLSDNKLE DWHEVSKI VS NVPQLEFLNL SSNPLNLSVL ERTCAGSFSG VRKLVLNNSK ASWETVHMIL QELPDLEELF
LCLNDYETVS CPSICCHSLK LLHITDNNLQ DWTEIRKLGV MFPSLDTLV ANNHLNAIEE PDDSLARLFP NLRSLHKS GLQSWEDIDK
LNSFPKLEEV RLLGIPLLQP YTEERRKLV IARLPSVSKL NGSVVDGER 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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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