

TBCEL, 1-424aa Human, His tag, E.coli

Cat.NO.: TP04159

3th Edition

Synonyms:Tubulin-specific chaperone cofactor E-like protein, 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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMQPSGRSFMQVLCEKYSPEENFPYRRGPGMGVHVPATPQGSPMKDRLNL
PSVLVLNNSCGITCAGDEKEIAAFCAHVSELDLSDNKLEDWHEVSKIVSNVPQLEFLNLSSNPLNLSVLERTCAGSFS
GVRKLVLNNSKASWETVHMILQELPDLEELFLCLNDYETVSCPSICCHSLKLLHITDNNLQDWTEIRKLGVMFPSLDT
LVLANNHLNAIEEPDDSLARLFPNLRSLHKSGLQSWEDIDKLSFPKLEEVRLGIPLLQPYTTEERRKLVIA RLPS
VSKLNGSVVTDGEREDSERFFIRYYVDVPQEEVPFRYHELITKYGKLEPLAEVDLRPQSSAKVEVHFNDQVEEMSIR
LDQTV AELKKQLKTLVQLPTS NMLLYYFDHEAPFGPEEMKYSSRALHSFGIRDGDKIYVESKTK

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.