



Recombinant Human Tubulin-specific chaperone E (TBCE)

Product Code	CSB-YP613603HU
Abbreviation	TBCE
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q15813
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SDTLTADVI GRRVEVNGEH ATVRFAGVVP PVAGPWLGV E WDNPERGKHD GSHEGTVYFK CRHPTGGSFI RPNKVNFGTD FLTAIKNRYV LEDGPEEDRK EQIVTIGNKP VETIGFDSIM KQQSQLSKLQ EVSLRNCASV CAGEKGGVAE ACPNIRKVDL SKNLLSSWDE VIHADQLRH LEVLNVSENK LKFPSGSVLT GTLVSLKVLV LNQTGITWAE VLRCVAGCPG LEELYLESNN IFISERPTDV LQTVKLLDLS SNQLIDENQL YLIAHLPRLE QLILSDTGIS SLHFDPAGIG CKTSMFPSLK YLVVNDNQIS QWSFFNELEK LPSLRALSCL RNPLTKEDKE AETARLLIIA SIGQLKTLNK CEILPEERRR AELDYRKAFG NEWKQAGGHK DPEKNRLSEE FLTAHPRYQF LCLKYGAPED WELKTQQPLM LKNQLLTLKI KYPHQLDQKV LEKQLPGSMT IQKVKGLLSR LLKVPVSDLL LSYESPCKPG REIELENDLK SLQFYSVENG DCLLVRW
Source	Yeast
Target Names	TBCE
Protein Names	Recommended name: Tubulin-specific chaperone E Alternative name(s): Tubulin-folding cofactor E
Expression Region	2-527
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Cofactor E is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state. Two transcript variants encoding the same protein have been found for this gene.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.