Recombinant Human Tubulin-specific chaperone C (TBCC)

Product Code	CSB-BP620895HU
Abbreviation	TBCC
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.	Q15814
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MESVSCSAAA VRTGDMESQR DLSLVPERLQ RREQERQLEV ERRKQKRQNQ EVEKENSHFF VATFVRERAA VEELLERAES VERLEEAASR LQGLQKLIND SVFFLAAYDL RQGQEALARL QAALAERRRG LQPKKRFAFK TRGKDAASST KVDAAPGIPP AVESIQDSPL PKKAEGDLGP SWVCGFSNLE SQVLEKRASE LHQRDVLLTE LSNCTVRLYG NPNTLRLTKA HSCKLLCGPV STSVFLEDCS DCVLAVACQQ LRIHSTKDTR IFLQVTSRAI VEDCSGIQFA PYTWSYPEID KDFESSGLDR SKNNWNDVDD FNWLARDMAS PNWSILPEEE RNIQWD
Source	Baculovirus
Target Names	TBCC
Protein Names	Recommended name: Tubulin-specific chaperone C Alternative name(s): Tubulin-folding cofactor C Short name= CFC
Expression Region	1-346
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 protein
Target Details	Cofactor C 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.
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.