



# Recombinant Human Tubulin-specific chaperone C (TBCC)

<b>Product Code</b>	CSB-MP620895HU
<b>Abbreviation</b>	TBCC
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q15814
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESVSCSAAA VRTGDMESQR DLSLVPERLQ RREQERQLEV ERRKQKRQNNQ EVEKENSFFF VATFVRERAA VEELLERAES VERLEEAASR LQGLQKLIND SVFFLAAYDL RQGQEALARL QAALAERRRG LQPKKRFAFK TRGKDAASST KVDAAPGIPP AVESIQDSPL PKKAEGDLGP SWVCGFSNLE SQVLEKRASE LHQRDVLLTE LSNCTVRLYG NPNTLRLTKA HSKLLCGPV STSVFLEDCE DCVLAVACQQ LRIHSTKDTR IFLQVTSRAI VEDCSGIQFA PYTWSYPEID KDFESSGLDR SKNNWWDVDD FNWLARDMAS PNWSILPEEE RNIQWD
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TBCC
<b>Protein Names</b>	Recommended name: Tubulin-specific chaperone C Alternative name(s): Tubulin-folding cofactor C Short name= CFC
<b>Expression Region</b>	1-346
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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

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