

## Product datasheet for **AR50497PU-N**

### TBCC (1-346, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	TBCC (1-346, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEVSCS AAVRTGDME SQRDLSLVPE RLQRREQERQ LEVERRKQKR QNQVEKENS HFFVATFARE RAAVEELLER AESVERLEEA ASRLQGLQKL INDSVFFLAA YDLRQGQAL ARLQAALAE RRLQPKKRF AFKTRGKDA SSKVDAAPG IPPAVESIQD SPLPKKAEGD LGPSWVCGFS NLESQVLEKR ASELHQRDVL LTELNCTVR LYGNPNTLRL TKAHSCKLLC GPVSTSVFLE DCSDCVLAVA CQQLRIHSTK DTRIFLQVTS RAIVEDCSGI QFAPYTWSYP EIDKDFESSG LDRSKNNWND VDDFNWLARD MASPNSILP EEERNIQWD
Tag:	His-tag
Predicted MW:	41.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TBCC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_003183</a>
Locus ID:	6903
UniProt ID:	<a href="#">Q15814</a>
Cytogenetics:	6p21.1
Synonyms:	CFC



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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Product images:**