

Recombinant Full Length Human TBCC Protein

Cat. No. TBCC-518HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TBCC with N terminal proprietary tag, 64.17 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	346 amino acids
Description	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.
Form	Liquid
Molecular Mass	64.170kDa inclusive of tags
AA Sequence	MESVSCSAAAVRTGDMESQRDLSLVPERLQRREQERQLEV ERRKQKRQNQEVEK ENSHFFVATFARERAAVEELLERAES VERLEEAASRLQGLQKLINDSVFFLAAYDLR QGQEALARL QAALAERRRGLQPKKRFAFKTRGKDAASSTKVDAAPGIPP AVESIQD SPLPKKAEGDLGPSWVCGFSNLESQVLEKRASE LHQRDVLLTELSNCTVRLYGNP NTLRLTKAHSCKLLCGPV STSVFLEDSCDCVLAVACQQLRIHSTKDTRIFLQVTSRAI VEDCSGIQFAPYTWSYPEIDKDFESSGLDRSKNNWNDVDD FNWLARDMASPNWSI

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	LPEEERNIQWD
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	TBCC tubulin folding cofactor C [Homo sapiens]
Official Symbol	TBCC
Synonyms	TBCC; tubulin folding cofactor C; tubulin specific chaperone c; tubulin-specific chaperone C; CFC
Gene ID	6903
mRNA Refseq	NM_003192
Protein Refseq	NP_003183
MIM	602971
UniProt ID	Q15814

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