

## Product datasheet for PH303563

### TBCC (NM\_003192) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TBCC MS Standard C13 and N15-labeled recombinant protein (NP_003183)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203563
Predicted MW:	39.2 kDa
Protein Sequence:	>RC203563 protein sequence Red=Cloning site Green=Tags(s)  MESVSCSAAAVRTGDMESQRDL SLVPERLQRREQERQLEVERRKQKRQNEVEKENS HFFVATFARERAA VEELLERAESVERLEEAA SRLQGLQKL INDSVFFLAAYDLRQGQEALARLQAALAEERRRGLQPKRFAFK TRGKDAASSTKVDAAPGIPPAVESIQDSPLPKKAEGLGPSWVCGFSNLESQVLEKRASELHQRDVLLTE LSNCTVRLYGNPNTLRLTKAHSCKLLCGPVSTSVFLEDCSDCVLAVACQQLRIHSTKDTRIFLQVTSRAI VEDCSGIQFAPYTWSYPEIDKDFESSGLDRSKNNWNVDDFNWNLARDMASPNWSILPEEERNIQWD  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_003183</a></u>
RefSeq Size:	1675
RefSeq ORF:	1038
Synonyms:	CFC
Locus ID:	6903



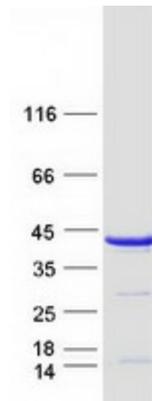
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UniProt ID: [Q15814](#)

Cytogenetics: 6p21.1

**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:



Coomassie blue staining of purified TBCC protein (Cat# [TP303563]). The protein was produced from HEK293T cells transfected with TBCC cDNA clone (Cat# [RC203563]) using MegaTran 2.0 (Cat# [TT210002]).