

Recombinant Human TBCA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBCA-3190H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBCA MS Standard C13 and N15-labeled recombinant protein (NP_004598) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The product of this gene 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. This gene encodes chaperonin cofactor A. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	12.9 kDa
AA Sequence	MADPRVRQIKIKTGVVKRLVKEKVMYEKEAKQQEEKIEKMRAEDGENYDIKKQAEIL QESRMMIPDCQRRLEAAYLDLQRILENEKDLEEAEEYKEARLVLD SVKLEATRTRPL EQLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

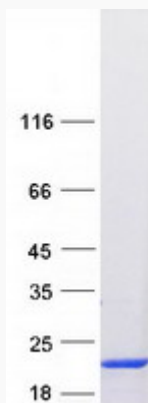
GENE INFORMATION

Gene Name	TBCA tubulin folding cofactor A [Homo sapiens (human)]
Official Symbol	TBCA
Synonyms	TBCA; tubulin folding cofactor A; tubulin specific chaperone a; tubulin-specific chaperone A; CFA; chaperonin cofactor A; TCP1-chaperonin cofactor A; tubulin-folding cofactor A;
Gene ID	6902
mRNA Refseq	NM_004607
Protein Refseq	NP_004598
MIM	610058
UniProt ID	O75347

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA