

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	<p>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.</p>
Molecular Mass	12.9 kDa
AA Sequence	<p>MADPRVRQIKIKTGVVKRLVKEKVMYEKEAKQQEIEKMRADGENYDIKKQAEIL QESRMMIPDCQRRLEAAYLDLQRILENEKDLEEAEYKEARLVLDVSKLEATRTRPL EQKLISEEDLAANDILDYKDDDDKV</p>
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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

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SDS-PAGE



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