

Datasheet for ABIN935042
TBCA Protein (AA 1-108)



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1 Image

Overview

Quantity:	100 µg
Target:	TBCA
Protein Characteristics:	AA 1-108
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MADPRVRQIK IKTGVVKRLV KEKVMYEKEA KQEEKIEKM RAEDGENYDI KKQAEILQES RMMIPDCQRR LEAAYLDLQR ILENEKDLEE AEEYKEARLV LDSVKLEA
Characteristics:	Purified recombinant Human TBCA protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	TBCA
Alternative Name:	TBCA (TBCA Products)
Background:	Tubulin folding cofactor A, also known as TBCA, is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates.

Target Details

Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin in a quasi-native confirmation. This protein is essential for cell viability and its knockdown produces a decrease in the amount of soluble tubulin, modifications in microtubules and G1 cell cycle arrest. Recombinant human TBCA protein was expressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: Tubulin cofactor a., Co chaperonin associated with a & b tubulin protein, Tubulin folding cofactor A protein, Cofactor A protein, chaperonin cofactor a protein, TCP1 chaperonin cofactor A protein, TBCA protein, tubulin specific chaperone a protein, Tubulin folding cofactor A CFA protein

Molecular Weight: 12.8 kDa (108 AA)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: TBCA protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 7.5, containing 1 mM DTT, and 10 % glycerol.

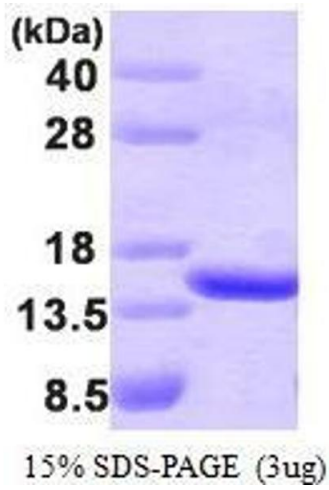
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.