Tubulin cofactor A Protein, Human

Cat. No.:	HY-P73565
Synonyms:	Tubulin-specific chaperone A; CFA; TBCA
Species:	Human
Source:	E. coli
Accession:	O75347 (M1-A108)
Gene ID:	6902
Molecular Weight:	Approximately 16 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.5.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Tubulin cofactor A Protein takes on a crucial role as a tubulin-folding protein, actively participating in the initial stage of the tubulin folding pathway. It is part of a supercomplex composed of cofactors A to E. Cofactors A and D play a pivotal role by capturing and stabilizing tubulin in a quasi-native conformation. The interaction of cofactor E with the cofactor D-tubulin complex facilitates the subsequent binding to cofactor C, leading to the release of tubulin polypeptides committed to adopting the native state. In orchestrating these intricate steps, Tubulin cofactor A Protein emerges as a key player in the early phases of tubulin folding, contributing to the formation of a functional and stable tubulin structure.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA