

32-5041: Recombinant Human Tubulin Folding Cofactor C

Alternative Name : Tubulin folding cofactor C,tubulin-specific chaperone c,Tubulin-folding cofactor C,CFC.

Description

Source : E.coli. TBCC Human Recombinant produced in E. coli is a single polypeptide chain containing 369 amino acids (1-346) and having a molecular mass of 41.7 kDa.TBCC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Tubulin folding cofactor C (TBCC) is a member of the TBCC family. TBCC has a role in the control of centrosome and Golgi apparatus positioning, with effects on cell shape and cell migration. Cofactor C is 1 of 4 proteins (cofactors A,D,E and C) engaged in the pathway leading to properly folded b-tubulin from folding intermediates. Cofactor E attaches to the cofactor D/beta-tubulin complex; their interaction with cofactor C subsequently causes the release of beta-tubulin polypeptides which are bound to the native state.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The TBCC solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MGSMEVSCS AAVRTGDME SQRDLSLVPE RLQRREQERQ LEVERRKQKR QNQEVEKENS HFFVATFARE RAAVEELLER AESVERLEEA ASRLQGLQKL INDSVFFLAA YDLRQGQEAL ARLQAALAER RRGLQPKKRF AFKTRGKDA A SSTKVDAAPG IPPAVESI QD SPLPKKAEGD LGPSWVCGFS NLESQVLEKR ASELHQRDVL LTEL SNCTVR LYGNPNTLRL TKAHSCKLLC GPVSTSVFLE DCSDCVLAVA CQQLRIHSTK DTRIFLQVTS RAIVEDCSGI QFAPYTW SYP EIDKDFESSG LDRSKNNWND VDDFNWLARD MASP NWSILP EEERNIQWD