

Tubulin Folding Cofactor B Human Recombinant

Item Number	rAP-5000
Synonyms	Tubulin folding cofactor B, Cytoskeleton-associated protein CKAP1, cytoskeleton associated protein 1, CKAP1, CG22, Tubulin-specific chaperone B.
Description	TBCB Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 268 amino acids (1-244) and having a molecular mass of 29.9 kDa. TBCB is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99426
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEVTGV SAPTVTVFIS SSLNTRSEK RYSRSLTIAE FKCK-LELLVG SPASCMELEL YGVDDKFYSK LDQEDALLGS YPVDDGCRH VIDHSGARLG EYEDVSRVEK YTISQEAYDQ RQDTVRSFLK RSKLGRYNEE ERAQQEAEAA QRLAEEKAQA SSIPVGSRCV VRAA-GQSPRR GTVMYVGLTD FKPGYWIGVR YDEPLGKNDG SVNGKRYFEC QAKYGAFVKP AVVTVGDFPE EDYGLDEI
Source	<i>E. coli</i> .
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The TBCB solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**