

Tubulin, Beta 3 Class III Human Recombinant

Item Number	rAP-3915
Synonyms	Beta-4, CDCBM, CFEOM3A, TUBB4 , Tubulin beta-3 chain, Tubulin beta-4 chain, Tubulin beta-III, TUBB3.
Description	TUBB3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 473 amino acids (1-450 a.a.) and having a molecular mass of 52.8kDa. TUBB3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13509
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMREIVHI QAGQCGNQIG AKFWEVISDE HGIDPSGNYV GDSDLQLERI SVYYNEASSH KYVPRAILVD LEPGTMDSVR SGAFGHLFRP DNFIFGQSGA GNNWAKGHYT EGAELVDSVL DVVRKECENC DCLQGFQLTH SLGGGTGSGM GTLLISKVRE EYPDRIMNTF SVVPSPKVS DTVVEPYNATL SIHQLVENTD ETYCIDNEAL YDICFRTLKL ATPTYGDLNH LVSATMSGVT TSLRFPQQLN ADLRKLAVNM VPFPRLHFFM PGFAPLTARG SQQYRALTVP ELTQQMFDK NMMAACDPRH GRYLTVATVF RGRMSMKEVD EQMLAIQSKN SSYFVEWIPN NVKVA-
Source	E.coli.
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	TUBB3 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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**