

32-5155: Recombinant Human Tubulin, Beta 3 Class III

Alternative Name : Beta-4,CDCBM,CFEOM3A,TUBB4 ,Tubulin beta-3 chain,Tubulin beta-4 chain,Tubulin beta-III,TUBB3.

Description

Source : E.coli. 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. Tubulin, beta 3 class III (TUBB3), which is the major constituent of microtubules, is primarily Expressed in neurons and is involved in neurogenesis and in axon guidance and maintenance. TUBB3 binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	TUBB3 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
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 MGSMREIVHI QAGQCGNQIG AKFWEVISDE HGIDPSGNYV GDSDLQLERI SVYYNEASSH KYVPRAILVD LEPGTMDSVR SGAFGHLFRP DNFIGQSGA GNNWAKGHYT EGAELVDSVL DVVRKECENC DCLQGFQLTH SLGGGTGSGM GTLLISKVRE EYPDRIMNTF SVVSPKVSD TVVEPYNATL SIHQLVENTD ETYCIDNEAL YDICFRTLKL ATPTYGDLNH LVSATMSGVT TSLRFPGLN ADLRKLAVNM VPFRLHFFM PGFAPLTARG SQQYRALVTP ELTQQMFDK NMMACDPRH GRYLTVATVF RGRMSMKEVD EQMLAIQSKN SSYFVEWIPN NVKVAVCDIP PRGLKMSSTF IGNSTAIQEL FKRISEQFTA MFRRKAFLHW YTGEGMDEME FTEAESNMND LVSEYQYQD ATAE EEGEMY EDDEESEAQ GPK.