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TUBB3, 1-450aa, Human, His tag, E.coli

产品货号: TP04338

第三版

别名:Tubulin, beta 3 class III, beta-4, CDCBM, CFEOM3A, TUBB4

描述:Tubulin, beta 3 class III, also known as TUBB3, is the major constituent of microtubules. It 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. TUBB3 plays a critical role in proper axon guidance and maintenance. Recombinant human TUBB3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:52.8 kDa (473aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSMREIVHIQAGQCGNQIGAKFWEVISDEHGIDPSGNYVGDSLQLERISVYYNEASS  
HKYVPRAILVDLEPGTMDSVRSGAFGHLFRPDNFIGQSGAGNNWAKGHYTEGAELVDSVLDVVRKECENCDCCLQGFG  
LTHSLGGGTGSGMGTLLISKVREEYPDRIMNTFSVVPSPKVS DTVVEPYNATLSIHQLVENTDETYCIDNEALYDICFRTLKL  
ATPTYGDLNHLVSATMSGVTTSLRFPQQLNADLRKLA VNMVPPRLHFFMPGFAPLTARGSQYRALTVP ELTQQMFDA  
KNMMAACDPRHGRYLTVATVFRGRMSMKEVDEQMLAIQSKNSSYFVEWIPNNVKVA VCDIPPRGLKMSSTFIGNSTAIQ  
ELFKRISEQFTAMFRRKAFLHWYTGE GMDMEFTEAESNMNDLVSEYQQYQDATAEEEGEMYEDDEESEAQGPK
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纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.