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, 1-352aa, Human, His tag, E.coli

产品货号: TP01001

第三版

别名:TAU, DDPAC, FTDP-17, MAPTL, MSTD, MTBT1, MTBT2, PPND, Microtubule-associated protein tau

描述:MAPT, also known as TAU, is a neuronal microtubule associated protein found predominantly on axons. The function of this protein is to promote tubulin polymerisation and stabilise microtubules, but it also serves to link certain signalling pathways to the cytoskeleton. MAPT, in its hyperphosphorylated form, is the major component of paired helical filaments (PHF) and neurofibrillary lesions in Alzheimer's disease (AD) brain. Recombinant human MAPT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 1mM DTT, 10% glycerol

分子量:38.9 kDa (372aa) confirmed by MALDI-TOF (Real molecular weight on SDS-PAGE will be shift up)

序列:

MGSSHHHHHSSGLVPRGSHMAEPRQEFVEMDHAGTYGLGDRKDQGGYTMHQDQEGD TDAGLKAE EAGIGDTPSL  
EDEAAGHVTQARMVSKSKDGTGSDDKKAKGADGKTKIATPRGAAPPQKQGQANATRIPAKTPPAPKTPPSSGEPKSGD  
RSGYSSPGSPGTPGSRRTPSLPTPTREP KKVAVVRTPPKSPSSAKSRLQTAPVPMPDLKNVSKIGSTENLKHQPGGGKVQ  
IVYKPV DLSKVT SKCGSLGNIHHKPGGGQVEVKSEKLDKDRVQSKIGSLDNITHVPGGGNKKIETHKLTFR ENAKAKTD  
HGAEIVYKSPVVS GDTSPRHLSNVSSTGSIDMVDSPQLATLADEV SASLAKQGL

纯度:> 95% by HPLC

浓度:0.5 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.