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, 1-381aa, Human, His tag, E.coli

产品货号: TP01002

第三版

别名: Microtubule-associated protein tau, isoform CRA\_f, MAPT, DDPAC, FTDP-17, MAPTL, MSTD, MTBT1, MTBT2, PPND

描述: Tau, also known as microtubule-associated protein tau (MAPT), is a protein that stabilizes microtubules. It is abundant in neurons in the central nervous system and is less common elsewhere. When this protein is defective, and no longer stabilizes microtubules properly, it can result in dementias, such as Alzheimer's disease. Recombinant human Tau protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 1 mM DTT, 20% Glycerol

分子量: 41.8kDa(401aa) confirmed by MALDI-TOF (molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMAEPRQEFVEMEDHAGTYGLGDRKDQGGYTMHQDQEGD TDAGLKESPLQTP TEDGS  
EEPGETSDAKSTPTAEAE EAGIGDTPSLEDEAAGHVTQARMVSKSKDGTGSDDK KAKGADGKTKIATPRGAAPPGQKG  
QANATRIPAKTPPAPKTPPSSGEPKSGDRSGYSSPGSPGTPGSRSRTPSLPTPPTREP KKVAVVRTPPKSPSSAKSRLQTAPVP  
MPDLKNVSKIGSTENLKHQPGGGKVQIVYKPV DLSKVT SKCGSLGNIH HKPGGGQVEVKSEKLD FKDRVQSKIGSLDNI  
THVPGGGNKKIETHKLTFR ENAKAKTDHGAEIVYKSPV VSGDTPRHL SNVSSTGSIDMVDSPQLATLADEV SASLAKQGL

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by BCA 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.