



Catalog Number: PR27179

Product Type: Recombinant Protein

Source: Escherichia Coli

Synonyms: TAU, DDPAC, FTDP-17, MAPTL, MSTD, MTBT1, MTBT2, PPND.

Description/Molecular Mass: MAPT Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 372 amino acids (1-352 a.a.) and having a molecular mass of 38.9 kDa (Real molecular weight on SDS-PAGE will be shift up). The MAPT is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MAEPRQEFEV MEDHAGTYGL GDRKDQGGYT
MHQDQEGDTD AGLKAAEEAGI GDTPSLEDEA AGHVTQARMV SKSKDGTGSD
DKKAKGADGK TKIATPRGAA PPGQKGQANA TRIPAKTPPA KPTPPSSGEP
PKSGDRSGYS SPGSPGTPGS RSRTPSLPTP PTREPKKVAV VRTPPKSPSS
AKSRLQAPV PMPDLKNVKS KIGSTENLKH QPGGGKVQIV YKPVDSLKVT SKCGSLGNIH
HKPGGGQVEV KSEKLDKDR VQSKIGSLDN ITHVPGGGNK KIETHKLTFR
ENAKAKTDHG AEIVYKSPVV SGGTSPRHLS NVSSTGSIDM VDSPQLATLA DEVSASLAKQ
GL.

Purity: Greater than 85.0% as determined by SDS-PAGE.

Format: The MAPT solution (0.5mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT, 0.2M NaCl & 10% glycerol.

Storage: 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.

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