

Microtubule-Associated Protein Tau Human Recombinant

Item Number	rAP-3641
Synonyms	TAU, DDPAC, FTDP-17, MAPTL, MSTD, MTBT1, MTBT2, PPND.
Description	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 propri-
Uniprot Accession Number	P10636
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAEPRQEFEV MEDHAGTYGL GDRKDQGGYT MHQDQEGDTD AGLKAEAGI GDTPSLEDEA AGHVTQARMV SKSKDGTGSD DKKAKGADGK TKIATPRGAA PPGQKGGQANA TRIPAKTPPA PKTPPSSGEP PKSGDRSGYS SPGSPGTPGS RSRTPSLPTP PTREPKK- VAV VRTPPKSPSS AKSRLQTAPV PMPDLKNVKS KIGSTENLKH QPGGGKVQIV YKPVDLSKVT SKCGSLGNIH HKPGGGQVEV KSEKLDFKDR VQSKIGSLDN ITHVPGGGNK KIETHKLTFR ENAKAKTDHG AEIVYKSPVV SGGTSPRHLS NVSSTGSIDM VDSPQLATLA DEVSASLAKQ GL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The MAPT solution (0.5mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT, 0.2M NaCl & 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**