

# Human MAPT 383a.a. Recombinant Protein



RPPB3930

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## Product Information    Protein Information

**Product SKU:**

RPPB3930

**Accession:**

P10636

**Host:**

Escherichia Coli.

**Protein description:**

MAPT Human Recombinant (Isoform 3) fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 403 amino acids (1-383 a.a.) and having a molecular mass of 42.1kDa (Molecular size on SDS-PAGE will appear higher). The MAPT is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Microtubule-associated protein tau, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau, MAPT, MAPTL, MTBT1, TAU, MSTD, PPND, DDPAC, MTBT2, FTDP-17, FLJ31424, MGC138549.

**Formulation:**

The MAPT solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MAEPRQEFV MEDHAGTYGL GDRKDQGGYT MHQDQEGDTD  
AGLKAEAEAGI GDTPSLEDEA AGHVTVQARMV SKSKDGTGSD DKKAKGADGK TKIATPRGAA PPGQKQANA  
TRIPAKTPPA PKTPSSGEP PKSGDRSGYS SPGSPGTPGS RSRTPSLPTP PTREPKKVAV VRTPPKSPSS  
AKSRLQTAPV PMPDLKNVKS KIGSTENLKH QPGGGKVQII NKKLDLSNVQ SKCGSKDNIK HVPGGGVSQI  
VYKPVDSLKV TSKCGSLGNI HHKPGGGQVE VKSEKDFKD RVQSKIGSLD NITHVPGGGN KKIETHKLTF  
RENAKAKTDH GAEIVYKSPV VSGDTSRHL SNVSSTGSID MVDSPQLATL ADEVSASLAK QGL.