

# Human MAPT 381a.a. Recombinant Protein



RPPB3929

## Product Information Protein Information

**Product SKU:**

RPPB3929

**Accession:**

P10636

**Host:**

Escherichia Coli.

**Protein description:**

MAPT Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 401 amino acids (1-381 a.a.) and having a molecular mass of 41.8kDa. The NCBI Accession No. is EAW93573.1. The MAPT is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Microtubule-associated protein tau, isoform CRA\_f, 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 (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 7.5), 1mM DTT and 20% Glycerol.

**Purity:**

Greater than 85.0% 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). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MAEPRQEFEV MEDHAGTYGL GDRKDQGGYT MHQDQEGDTD  
AGLKESPLQT PTEDGSEEPG SETSDAKSTP TAEAEAGIG DTPSLEDEAA GHVTQARMVS KSKDGTGSDD  
KKAKGADGKT KIATPRGAAP PGQKQANAT RPAKTPPAP KTPSSGEPP KSGDRSGYSS PGSPGTPGSR  
SRTPSLPTPP TREPKKVAVV RTPPKSPSSA KSRLQTAPVP MPDLKNVSKK IGSTENLKHQ  
PGGGKVQIVYKPVVLSKVTS KCGSLGNIHH KPGGGQVEVK SEKLDKDRV QSKIGSLDNI THVPGGGNKK  
IETHKLFRE NAKAKTDHGA EIVYKSPVVS GDTSPRHLSN VSSTGSIDMV DSPQLATLAD EVSASLAKQG L.