

Human MAPT 412a.a. Recombinant Protein



RPPB3931

Product Information Protein Information

Product SKU:

RPPB3931

Accession:

P10636

Host:

Escherichia Coli.

Protein description:

MAPT Human Recombinant (Isoform 5) fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 432 amino acids (1-412 a.a.) and having a molecular mass of 45.1kDa (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, isoform CRA_f, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau, MAPT, MAPTL, MTBT1, TAU, MSTD, PPNB, DDPAC, MTBT2, FTDP-17, FLJ31424, MGC138549.

Formulation:

The MAPT solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) and 20% glycerol.

Purity:

Greater than 80.0% 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 SGLVPRGSH MAEPRQEFV MEDHAGTYGL GDRKDQGGYT MHQDQEGDTD
AGLKESPLQT PTEDGSEEPG SETSDAKSTP TAEAEAGIG DTPSLEDEAA GHVTQARMVS KSKDGTGSDD
KKAKGADGKT KIATPRGAAP PGQKGQANAT RPAKTPPAP KTPSSGEPP KSGDRSGYSS PGSPGTPGSR
SRTPSLPTPP TREPKKVAVV RTPPKSPSSA KSRLQTAPVP MPDLKNVSK IGSTENLKHQ PGGGKVQIIN
KKLDLSNVQS KCGSKDNIKH VPGGGSVQIV YKVDLSKVT SKCGSLGNIH HKPGGGQVEV KSEKLDKDR
VQSKIGSLDN ITHVPGGGNK KIETHKLTFR ENAKAKTDHG AEIVYKSPV SGDTSPRHLS NVSSTGSIDM
VDSPQLATLA DEVSASLAKQ GL.