

## Recombinant Human MAPT protein, His-tagged

Cat. No. MAPT-4383H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAPT protein(P10636)(1-441aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-441aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	51.9 kDa
<b>AA Sequence</b>	<p>MAEPRQEFEVMEHDHAGTYGLGDRKDQGGYTMHQDQEGD TDAGLKESPLQTPTED  GSEEPGSETSDAKSTPTAEDVTAPLVDEGAPGKQAAAQPHTIPEGT TAAEEAGIGDT  PSLEDEAAGHV TQARMVSKSKDGTGSDDKKAKGADGKTKIATPRGAAPP GQKQQA  NATRIPAKTPPAPKTPPSSGEPKSGDRSGYSSPGSPGTPGSRSRTPSLPTPTRE  PKKVAVVRTPPKSPSSAKSRLQTAPVMPDLKNVSKIGSTENLKHQP GGGKVQIIN  KKLDLSNVQSKCGSKDNIKHVPGGGSVQIVYKPV DLSKVT SKCGSLGNIHHKPGGG  QVEVKSEKLD FKDRVQSKIGSLDNITHVPGGGNKKIETHK LTFRENAKAKTDHGAEIV  YKSPVVS GDTSPRHLSNVSSTGSIDMVDSPQLATLADEV SASLAKQGL</p>
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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**Storage** Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** [MAPT microtubule-associated protein tau \[ Homo sapiens \]](#)

**Official Symbol** [MAPT](#)

**Synonyms** MAPT; microtubule-associated protein tau; DDPAC, MAPTL; FLJ31424; FTDP 17; G protein beta1/gamma2 subunit interacting factor 1; MGC138549; microtubule associated protein tau; isoform 4; MSTD; MTBT1; MTBT2; PPND; tau; TAU; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; microtubule-associated protein tau, isoform 4; G protein beta1/gamma2 subunit-interacting factor 1; DDPAC; MAPTL; FTDP-17;

**Gene ID** [4137](#)

**mRNA Refseq** [NM\\_001123066](#)

**Protein Refseq** [NP\\_001116538](#)

**MIM** [157140](#)

**UniProt ID** [P10636](#)

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