

# Recombinant Human MAPT protein(1-441 aa)(acetyl K281), C-His-tagged

**Cat. No.** MAPT-2893H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MAPT protein(P10636-8)(1-441 aa)(acetyl K281), fused with C-terminal His tag, was expressed in E. coli.                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 1-441 aa                                                                                                                                                                                                                                  |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 48 kDa                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                                                         |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                             |
| <b>AA Sequence</b>      | MAEPRQEFVMDHAGTYGLGDRKDQGGYTMHQDQEGD TDAGLKESPLQTPTED<br>GSEEPGSETSDAKSTPTAEDVTAPLVDEGAPGKQAAAQPHTEIPEGTTAEEAGIGDT<br>PSLEDEAAGHVTQARMVSKSKDGTGSDDKKAKGADGKTKIATPRGAAPP GQKGQA<br>NATRIPAKTPPAPKTPPSSGEPPKSGDRSGYSSPGSPGTPGSRSRTPSLPTPTRE |

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PKKVAVVRTPPKSPSSAKSRLQTAPVPMPLKKNVSKIGSTENLKHQPGGGKVQIIN  
 KKLDLSNVQSKCGSKDNIKHVPGGGSVQIVYKPVDSLKVTSKCGSLGNIHHKPGGG  
 QVEVKSEKLDKDRVQSKIGSLDNITHVPGGGNKKIETHKLTFRENAKAKTDHGAEIV  
 YKSPVVSOGDTSPRHLSNVSSSTGSIDMVDSPQLATLADEVSAKQGL

## 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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