

## Recombinant Human MAPT protein, His-tagged

Cat. No. MAPT-2212H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human MAPT protein(NP\_005901.2)(Gly 273 - Glu 380), fused with His tag, was expressed in E.coli.

**Species** Human

**Source** E.coli

**ProteinLength** Gly 273 - Glu 380

**Form** 50 mM Tris, 150 mM NaCl, 1 mM TCEP, 1 mM EDTA, pH7.5

**Molecular Mass** 13.5 kDa

**Endotoxin** Less than 1.0 EU per µg by the LAL method.

**Purity** >95% as determined by SDS-PAGE.

**Storage** This product is stable after storage at:  
-20°C to -70°C for 12 months in lyophilized state;  
-70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution** It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | <a href="#">MAPT microtubule-associated protein tau [ Homo sapiens ]</a>   |
| <b>Official Symbol</b> | <a href="#">MAPT</a>   |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | <a href="#">4137</a>   |
| <b>mRNA Refseq</b>     | <a href="#">NM_001123066</a>   |
| <b>Protein Refseq</b>  | <a href="#">NP_001116538</a>   |
| <b>MIM</b>             | <a href="#">157140</a>   |
| <b>UniProt ID</b>      | <a href="#">P10636</a>   |

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