

## **PRODUCT INFORMATION**

**MAPT Target** 

TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; tau-40; FTDP-17; PPP1R103; Tau-PHF6 **Synonyms** 

Recombinant human MAPT Protein with N-**Description** terminal 6×His tag

Delivery In Stock **Uniprot ID** P10636 **Expression Host** HFK293

N-6×His tag Tag

Molecular 6×His tag MAPT(Ala2-Leu758) Characterization

The protein has a predicted molecular mass of

79.6 kDa after removal of the signal peptide. The apparent molecular mass of His-MAPT is **Molecular Weight** 

approximately 100-250 kDa due to glycosylation. The purity of the protein is greater than 85% as

**Purity** determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal

maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive

supranuclear palsy. [provided by RefSeq, Jul 2008]

Usage Research use only

Conjugate Unconjugated

**Background** 

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com





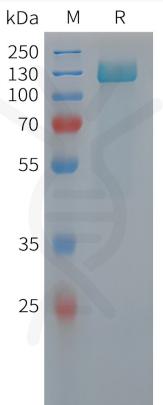


Figure 1. Human MAPT Protein, His Tag on SDS-PAGE under reducing condition.

## Human MAPT, His Tagged protein ELISA

0.2 μg of Human MAPT, His tagged protein per well

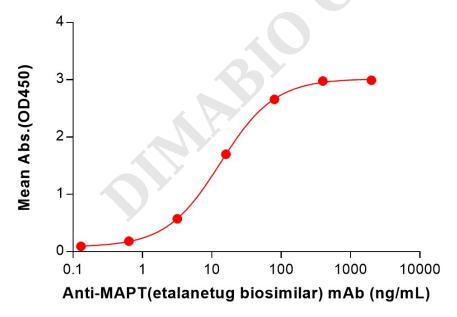


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human MAPT Protein, His Tag (PME101441) can bind Anti-MAPT(etalanetug biosimilar) mAb (BME100498) in a linear range of 0.64–80 ng/mL.

Email: info@dimabio.com Website: www.dimabio.com

