

#### OriGene Technologies, Inc.

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# **Product datasheet for TP720155**

### Tau (MAPT) (NM\_001123066) Human Recombinant Protein

### **Product data:**

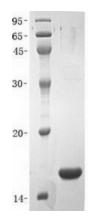
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human microtubule-associated protein tau (MAPT), transcript variant 6
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Gln249-Gln381
Tag:	C-His
Predicted MW:	15.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP_001116538</u>
Locus ID:	4137
UniProt ID:	<u>P10636</u>
UniProt ID: Cytogenetics:	<u>P10636</u> 17q21.31



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	Tau (MAPT) (NM_001123066) Human Recombinant Protein – TP720155
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathway	s: Alzheimer's disease, MAPK signaling pathway

# Product images:



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