

(Rhesus macaque) Microtubule-associated protein tau (MAPT) Recombinant Protein | MAPT recombinant protein

Recombinant Macaca mulatta (Rhesus macaque) Microtubule-associated protein tau (MAPT)

CATALOG # AAA81676	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

(Rhesus macaque) Microtubule-associated protein tau (MAPT); Recombinant Macaca mulatta (Rhesus macaque) Microtubule-associated protein tau (MAPT); Recombinant (Rhesus macaque) Microtubule-associated protein tau (MAPT); Microtubule-associated protein tau; Neurofibrillary tangle protein Paired helical filament-tau; PHF-tau; MAPT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-459
Sequence	AEPRQEFDM EDHAGTYGLG DRKDQEGYTM LQDQEGDTDA GLKESPLQTP AEDGSEELGS ETSDAKSTPT AEDVTAPLVD ERAPGEQAAA QPHMEIPEGT TAE EAGIGDT PSLEDEAAGH VTQARMVSKS KDG TGSDDKK AKGADGKTKI ATPRGAAPPG QKGQANATRI PAKTPPAPKT PPSSATKQVQ RKPPPAEPTS ERGEPPKSGD RSGYSSPGSP GTPGSRSRTP SLPTPPAREP KKVAVVRTPP KSPSSAKSRL QTAPVPMPDL KNVKSKIGST ENLKHQPGGG KVQIINKKLD LSNVQSKCGS KDNIKHVP GG GSVQIVYKPV DLSKVTSKCG SLGNIHHKPG GGQVEVKSEK LDFKDRVQSK IGSLDNITHV PGGGNKKIET HKLTFRENAK AKTDHGAEIV YKSPVVS GDT SPRHLSNVSS TGSIDMVDSP QLATLADEV S ASLAKQGL
Sequence Length	459
Species	Macaca mulatta (Rhesus macaque)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Note: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MAPT recombinant protein	Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13431910
UniProt Accession #	P57786
Molecular Weight	65KD
NCBI Official Full Name	Microtubule-associated protein tau
UniProt Protein Name	Microtubule-associated protein tau
UniProt Gene Name	MAPT
UniProt Synonym Gene Names	TAU; PHF-tau
UniProt Entry Name	TAU_MACMU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mapt-recombinant-protein-e-coli/81676>