



Recombinant *Macaca mulatta* Microtubule-associated protein tau (MAPT)

Product Code	CSB-MP013481MOW
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P57786
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Macaca mulatta</i> (Rhesus macaque)
Purity	>85% (SDS-PAGE)
Sequence	AEPRQEFDV MEDHAGTYGL GDRKDQEGYT MLQDQEGDTD AGLKESPLQT PAEDGSEELG SETSDAKSTP TAEDVTAPLV DERAPGEQAA AQPHEIPEG TTAEEAGIGD TPSLEDEAAG HVTQARMVSK SKDGTGSDDK KAKGADGKTK IATPRGAAPP GQKGQANATR IPAKTPPAPK TPPSSATKQV QRKPPPAEPT SERGEPKSG DRSGYSSPGS PGTPGSRRT PSLPTPPARE PKKVAVVRTP PKSPSSAKSR LQTAPVPMPD LKNVSKKIGS TENLKHQPGG GKVQIINKKL DLSNVQSKCG SKDNIKHVPG GGSVQIVYKP VDLSKVTSKC GSLGNIHHKP GGGQVEVKSE KLDFKDRVQS KIGSLDNITH VPGGGNKKIE THKLTFRENA KAKTDHGAEI VYKSPVSGD TSPRHLSNVS STGSIDMVDS PQLATLADEV SASLAKQGL
Source	Mammalian cell
Target Names	MAPT
Protein Names	Recommended name: Microtubule-associated protein tau Alternative name(s): Neurofibrillary tangle protein Paired helical filament-tau Short name= PHF-tau
Expression Region	2-459
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.