

Microtubule-associated protein tau (Mapt) Recombinant Protein | Mapt recombinant protein

Recombinant Mouse Microtubule-associated protein tau (Mapt)

CATALOG # AAA18504	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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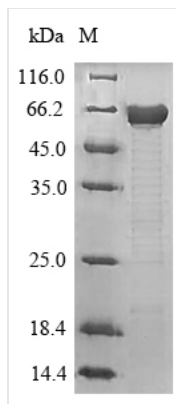
PRODUCT SYNONYMS

Microtubule-associated protein tau (Mapt); Recombinant Mouse Microtubule-associated protein tau (Mapt); 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	2-733aa; Full Length of Mature Protein
Sequence	ADPRQEFDTM EDHAGDYTLT QDQEGDMDHG LKESPPQPPA DDGAEEPGSE TSDAKSTPTA EDVTAPLVDE RAPDKQAAAQ PHTIPEGIT AEEAGIGDTP NQEDQAAGHV TQGRREGQAP DLGTSDWTRQ QVSSMSGAPL LPQGLREATC QPSGTRPEDI EKSHPASELL RRGPPQKEGW GQDRLGSEEE VDEDLTVDES SQDSPPSQAS LTPGRAAPQA GSGSVCGETA SVPGLPTEGS VPLPADFFSK VSAETQASQP EGPGTGPMEE GHEAAPEFTF HVEIKASTPK EQDLEGATVV GVPGEEQKAQ TQGPSVGKGT KEASLQEPPG QPPAAGLPGR PVS RVPQLKA RVASKDRTGN DEKKAKTSTP SCAKAPSHRP CLSPTRPTLG SSDPLIKPSS PAVSPEPATS PKHVSSVTPR NGSPGTKQMK LKGADGKTGA KIATPRGAAS PAQKGTSNAT RIPA KTTSP KTPPGSGEPP KSGERSGYSS PGSPGTPGSR SRTPSLPTPP TREPKKVVAV RTPPKSPSAS KSRLQTAPVP MPDLKNVRSK IGSTENLKHQ PGGGKVQIIN KKLDLSNVQS KCGSKDNIKH VPGGGSVQIV YKPVDSLKVT SKCGSLGNIH HKPGGGQVEV KSEKLDKDR VQSKIGSLDN ITHVPGGGNK KIETHKLTFR ENAKAKTDHG AEIVYKSPVV SGDTSPRHLS NVSSTGSIDM VDSPQLATLA DEVSASLAKQ GL
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Mapt recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	84370347
NCBI GeneID	17762
NCBI Accession #	NP_001033698.1
NCBI GenBank Nucleotide #	NM_001038609.2
UniProt Accession #	P10637; P10638; Q60684; Q60685; Q60686; Q62286; Q91WK4; A2A5Y9
Molecular Weight	78.1 kDa
NCBI Official Full Name	microtubule-associated protein tau isoform a
NCBI Official Synonym Full Names	microtubule-associated protein tau
NCBI Official Symbol	Mapt
NCBI Official Synonym Symbols	Tau; Mtapt; AI413597; AW045860
NCBI Protein Information	microtubule-associated protein tau
UniProt Protein Name	Microtubule-associated protein tau
UniProt Gene Name	Mapt
UniProt Synonym Gene Names	Mtapt; Tau; PHF-tau

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.