Recombinant Rat MAPT Protein, His-tagged

Cat. No. MAPT-648R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat MAPT Protein(NP_058908)(2-752aa), fused to N-terminal His tag, was expressed in Yeast.
Species	Rat
Source	Yeast
ProteinLength	2-752aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	80.4kDa
AA Sequence	AEPRQEFDTMEDQAGDYTMLQDQEGDMDHGLKESPPQPPADDGSEEPGSETSDA KSTPTAEDVTAPLVEERAPDKQATAQSHTEIPEGTTAEEAGIGDTPNMEDQAAGHVT QEPQKVEIFSQSLLVEPGRREGQAPDSGISDWTHQQVPSMSGAPLPPQGLREATH QPLGTRPEDVERSHPASELLWQESPQKEAWGKDRLGSEEEVDEDITMDESSQESP PSQASLAPGTATPQARSVSASGVSGETTSIPGFPAEGSIPLPADFFSKVSAETQASP PEGPGTGPSEEGHEAAPEFTFHVEIKASAPKEQDLEGATVVGAPAEEQKARGPSVG KGTKEASLLEPTDKQPAAGLPGRPVSRVPQLKARVAGVSKDRTGNDEKKAKTSTPS CAKTPSNRPCLSPTRPTPGSSDPLIKPSSPAVCPEPATSPKYVSSVTPRNGSPGTKQ MKLKGADGKTGAKIATPRGAATPGQKGTSNATRIPAKTTPSPKTPPGSGEPPKSGE

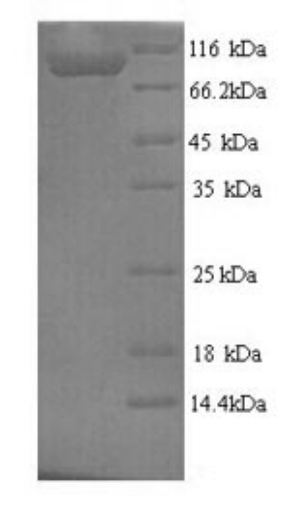
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	RSGYSSPGSPGTPGSRSRTPSLPTPPTREPKKVAVVRTPPKSPSASKSRLQTAPVP MPDLKNVRSKIGSTENLKHQPGGGKVQIINKKLDLSNVQSKCGSKDNIKHVPGGGSV HIVYKPVDLSKVTSKCGSLGNIHHKPGGGQVEVKSEKLDFKDRVQSKIGSLDNITHV PGGGNKKIETHKLTFRENAKAKTDHGAEIVYKSPVVSGDTSPRHLSNVSSTGSIDMV DSPQLATLADEVSASLAKQGL
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.

GENE INFORMATION

Gene Name	Mapt microtubule-associated protein tau [Rattus norvegicus]
Official Symbol	MAPT
Synonyms	MAPT; microtubule-associated protein tau; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; Tau microtubule-associated protein; pTau; Mtapt; RNPTAU; MGC156663;
Gene ID	29477
mRNA Refseq	NM_017212

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Protein Refseq	NP_058908
UniProt ID	P19332
SDS-PAGE	

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