

Recombinant Human TAU Protein

Catalog #	Source	Reactivity	Applications
CRP8077	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human TAU Protein is produced by E. coli expression system and the target gene encoding Met1-Leu441 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	MAPT		
Alternative Names	MAPTL; MTBT1; TAU; Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau		
Entrez Gene	4137		
SwissProt	P10636-8		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MAEPRQEFVEMEDHAGTYGLGDRKDQGGYTMHQDQEGDTDAGLKESPLQTPTEDG SEEPGSETSDAKSTPTAEDVTAPLVDEGAPGKQAAAPHTEIPEGTTAEEAGIGDTPSLED EAAGHVTQARMVSKSKDGTGSDDKKAKGADGKTKIATPRGAAPPQGKGQANATRIPAK TPPAPKTPPSSGEPKSGDRSGYSSPGSPGTPGSRRTPSLPTPTREPKKVAVVRTPPKSP SSAKSRLQTAPVPMPLKKNVSKIGSTENLKHQPGGGKVQIINKKLDLSNVQSKCGSKDN IKHVPGGGSVQIVYKPVDSLKVTSKCGSLGNIHHKPGGGQVEVKSEKLDKDRVQSKIGSL DNITHVPGGGNKKIETHKLTFRENAKAKTDHGAEIVYKSPVVSAGDTSRHLNSVSSTGSID MVDSPQLATLADEVSSASLAKQGL		
Directions for Use	Please minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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