

Recombinant Human TAU protein, GST-tagged

Cat. No. TAU-301451H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAU (87-172 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala87-Arg172
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	ADGKTKIATPRGAAPPGQKGQANATRIPAKTPPAPKTPPSSGEPPKSGDRSGYSSP GSPGTPGSRSRTPSLPTPPTREPKKVAVVR
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	MAPT microtubule associated protein tau [Homo sapiens (human)]
Official Symbol	TAU
Synonyms	MAPT; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; tau-40; FTDP-17; PPP1R103
Gene ID	4137
mRNA Refseq	NM_001123066
Protein Refseq	NP_001116538
MIM	157140
UniProt ID	10636

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