

Specifications:

Gene:	hMAPT
Accession:	NP_058525
Insert size:	1072bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

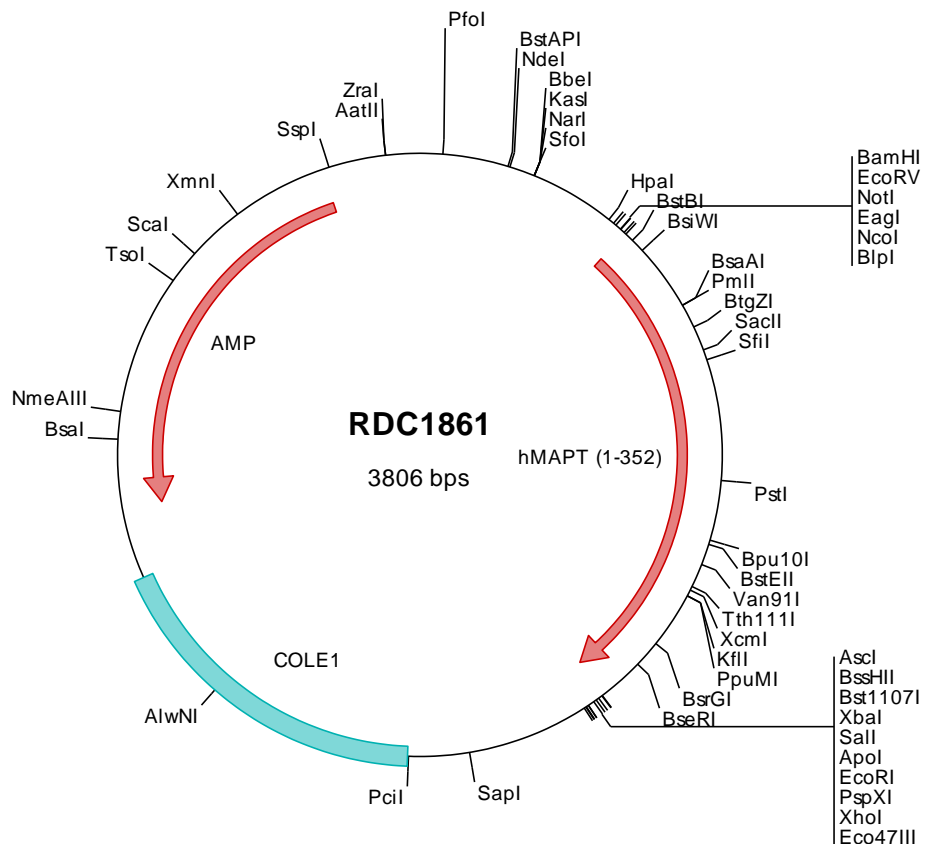
hTau cDNA Plasmid

MAPT microtubule associated protein tau [*Homo sapiens* (human)]

Also known as: TAU; MSTD; PPND; DDPAC; MAPTL; MTBT1; MTBT2; FTDP-17; PPP1R103

Summary:

MAPT is a microtubule-associated protein primarily expressed in neurons. It can associate with microtubules through the carboxy-terminal domains and with the plasma membrane through the amino-terminal projection domain. MAPT has a role as a stabilizer of microtubules. Abnormal MAPT phosphorylation or splicing is associated with various neurological disorders. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1861 Plasmid DNA Sequence

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> RDC1861 Translated Insert Sequence

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