SunLong Biotech Co.,LTD
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Recombinant Tau Protein (MAPT)

Catalog Number: SIPB992Ra01 **Spec: 10ug**

Product Name	Recombinant Tau Protein (MAPT)
Catalog Number	SIPB992Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Ala34~Ser368
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	50μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	9.9
Predicted Molecular Mass	38.4kDa
Accurate Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration less than or equal to 0.1mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

AEEAGIG DTPNMEDQAA
GHVTQARVAG VSKDRTGNDE KKAKGADGKT GAKIATPRGA ATPGQKGTSN
ATRIPAKTTP SPKTPPGSGE PPKSGERSGY SSPGSPGTPG SRSRTPSLPT
PPTREPKKVA VVRTPPKSPS ASKSRLQTAP VPMPDLKNVR SKIGSTENLK
HQPGGGKVQI INKKLDLSNV QSKCGSKDNI KHVPGGGSVH IVYKPVDLSK
VTSKCGSLGN IHHKPGGGQV EVKSEKLDFK DRVQSKIGSL DNITHVPGGG
NKKIETHKLT FRENAKAKTD HGAEIVYKSP VVSGDTSPRH LSNVSSTGSI
DMVDSPQLAT LADEVSAS

[IDENTIFICATION]

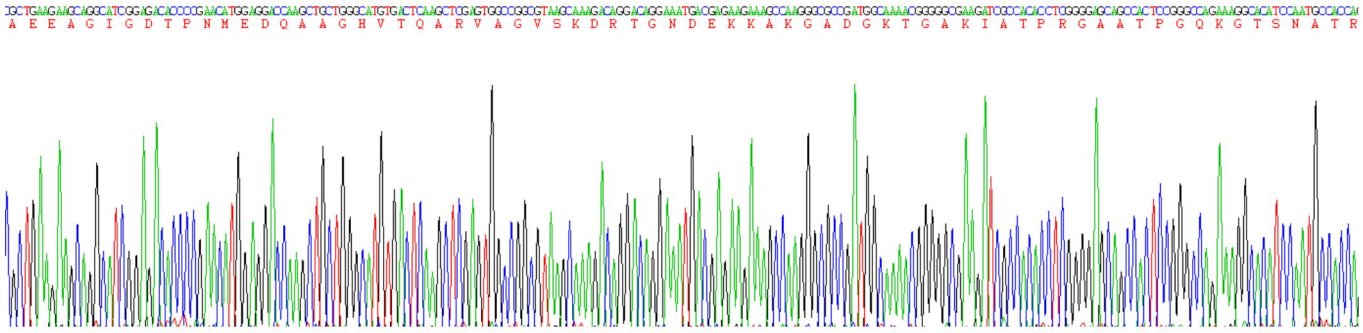


Figure. Gene Sequencing (Extract)

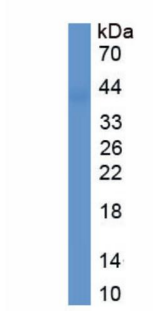


Figure. SDS-PAGE

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[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.