

Recombinant Rat Mapt protein, His & T7-tagged

Cat. No. Mapt-2062R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mapt aa. (Ala34~Ser368 (Accession # P19332)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala34~Ser368
Form	Freeze-dried powder
Molecular Mass	48kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH ₂ O.

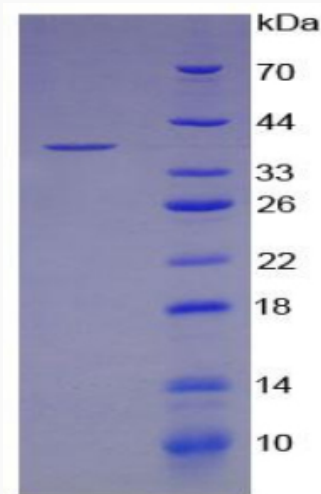
GENE INFORMATION

Gene Name	Mapt microtubule-associated protein tau [Rattus norvegicus (Norway rat)]
Official Symbol	Mapt
Synonyms	Acox2; acyl-CoA oxidase 2; THCCox; peroxisomal acyl-coenzyme A oxidase 2; 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase; 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase; THCA-CoA oxidase; acyl-CoA oxidase 2, branched chain; acyl-Coenzyme A oxidase 2, branched chain; trihydroxycoprostanoyl-CoA oxidase
Gene ID	29477
mRNA Refseq	NM_017212.2
Protein Refseq	NP_058908.2
UniProt ID	P19332

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15% SDS-PAGE

SDS-PAGE

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