

Microtubule Associated Protein Tau Recombinant Protein | MAPt recombinant protein

Recombinant Microtubule Associated Protein Tau (MAPt)

CATALOG # AAA144389	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Microtubule Associated Protein Tau; Recombinant Microtubule Associated Protein Tau (MAPt); MAPt recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Concentration	10.1 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-A EEAGIGDTPN QEDQAAGHVT QARVASKDRT GNDEKKAKGA DGKTGAKIAT PRGAASPAQK GTSNATRIPA KTTSPKTPP GSGEPPKSGE RSGYSSPGSP GTPGSRSTP SLPTPTREP KKVAVVTPP KSPSASKSRL QTAPVPMPDL KNVRSKIGST ENLKHQPGGG KVQIINKKLD LSNVQSKCGS KDNKHVPPG GSVQIVYKPV DLSKVTSKCG SLGNIHHKPG GGQVEVKSEK LDFKDRVQSK IGSLDNITHV PGGGNKKIET HKLTFRENAK AKTDHGAEIV YKSPVVSGDT SPRHLSNV
Sequence Length	448
Applicable Applications for MAPt recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	36.0kDa
Accurate Molecular Mass (KD)	44kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Mus musculus (Mouse)
Fragment	Leu13~Tyr115
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	27806547
NCBI GeneID	281296
NCBI Accession #	NP_776531.1
NCBI GenBank Nucleotide #	NM_174106.2
Molecular Weight	43,806 Da
NCBI Official Full Name	microtubule-associated protein tau
NCBI Official Symbol	MAPT
NCBI Official Synonym Symbols	tau
NCBI Protein Information	microtubule-associated protein tau
UniProt Protein Name	Microtubule-associated protein tau
UniProt Gene Name	MAPT
UniProt Synonym Gene Names	TAU; PHF-tau
UniProt Entry Name	TAU_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mapt-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144389>