

Microtubule-associated protein tau (Mapt) Active Protein | Mapt active protein

Recombinant Rat Microtubule-associated protein tau (Mapt) (Active)

CATALOG #
AAA113307

HOST
Mammalian Cell

PRODUCT SYNONYMS

Microtubule-associated protein tau (Mapt); Recombinant Rat Microtubule-associated protein tau (Mapt) (Active); Recombinant Rat Microtubule-associated protein tau (Mapt) (His tagged); Microtubule-associated protein tau; Neurofibrillary tangle protein; Paired helical filament-tau; PHF-tau; Mapt active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized
Sequence Positions	2-752aa; Full Length of Mature Protein
Sequence	AEPRQEFDTM EDQAGDYTML QDQEGDMDHG LKESPPQPPA DDGSEEPGSE TSDAKSTPTA EDVTAPLVEE RAPDKQATAQ SHTEIPEGTT AEEAGIGDTP NMEDQAAGHV TQEPQKVEIF SQSLLVEPGR REGQAPDSGI SDWTHQQVPS MSGAPLPPQG LREATHQPLG TRPEDVERSH PASELLWQES PQKEAWGKDR LGSEEEVDED ITMDESSQES PPSQASLAPG TATPQARSVS ASGVSGETTS IPGFPAEGSI PLPADFFSKV SAETQASPPE GPGTGPSSEEG HEAAPEFTFH VEIKASAPKE QDLEGATVVG APAEEQKARG PSVGKGTKEA SLLEPTDKQP AAGLPGRPVSV RVPQLKARVA GVSKDRTGND EKKAKTSTPS CAKTPSNRPC LSPTRPPTGS SDPLIKPSSP AVCPEPATSP KYVSSVTPRN GSPGTKQMKL KGADGKTGAK IATPRGAATP GQKGTSNATR IPAKTTSPSK TPPGSGEPPK SGERSGYSSP GSPGTPGSRs RTPSLPTPPT REPKKVAVVR TPPKSPSASK SRLQTAPVPM PDLKNVRSKI GSTENLKHQP GGGKVQIIINK KLDLSNVQSK CGSKDNIKHV PGGGSVHIVY KPVDSLKVTS KCGSLGNIHH KPGGGQVEVK SEKLDKDRV QSKIGSLDNI THVPGGGNKK IETHKLTFRE NAKAKTDHGA EIVYKSPVVS GDTSPRHLN VSSTGSIDMV DSPQLATLAD EVSASLAKQG L
Activity	Activity: Measured by its binding ability in a functional ELISA. Immobilized Rat Mapt at 2 ?g/ml can bind anti-MAPT recombinant antibody (INQUIRE), the EC50 is 136.2-238.9 ng/mL.
Preparation and Storage	Generally, the shelf life of liquid form is 6 months at -20/-80 degree C. The shelf life of lyophilized form is 12 months at -20/-80 degree C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13432197
NCBI GeneID	29477
UniProt Accession #	P19332 ; Q63567 ; Q63677 ; Q9QW06
Molecular Weight	78,564 Da
NCBI Official Full Name	Microtubule-associated protein tau
NCBI Official Synonym Full Names	microtubule-associated protein tau
NCBI Official Symbol	Mapt
NCBI Official Synonym Symbols	pTau; Mtapt; RNPTAU
NCBI Protein Information	microtubule-associated protein tau; PHF-tau; paired helical filament-tau; neurofibrillary tangle protein; Tau microtubule-associated protein

UniProt Protein Name	Microtubule-associated protein tau
UniProt Gene Name	Mapt
UniProt Synonym Gene Names	Mtapt; Tau; PHF-tau
UniProt Entry Name	TAU_RAT

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/mammalian-cell-active-protein/microtubule-associated-protein-tau-map1/113307>