

Product Datasheet

Rat Mapt protein (orb244366)

Description

Recombinant rat Microtubule-associated protein tau

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

Tag

N-terminal 6xHis-tagged

Note

For research use only

Application notes

Full length of His-tag and expression region is 2-752aa

Protein Sequence

AEPRQEFDTMEDQAGDYTMLQDQEGMDHGLKESPPQPPADDGSEEPGSETS
DAKSTPTAEDVTAPLVEERAPDKQATAQSHTIEPGTTAAEEAGIGDTPNMEDQA
AGHVTQEPQKVEIFSQSLLVEPGRREGQAPDSGISDWITHQQVPSMSGAPLPPQ
GLREATHQPLGTRPEDVERSHPASELLWQESPQKEAWGKDRLGSEEEVDEDIT
MDESSQESPPSQASLAPGTATPQARSVSASGVSGETTSIPGFPAEGSIPLPADFFS
KVSAETQASPPPEGPGTGPSEEGHEAAPEFTFHVEIKASAPKEQDLEGATVVGAPA
EEQKARGPSVGKGTKEASLLEPTDKQPAAGLPGRPVSRVPQLKARVAGVSKDRT
GNDEKKAKTSTPSCAKTPSNRPCLSPTRPTPGSSDPLIKPSSPAVCPEPATSPKYV
SSVTPRNGSPGKQMKLKGADGKTGAKIATPRGAATPGQKGTSNATRIPAKTTP
SPKTPPGSGEPKSGERSGYSSPGSPGSRSRTPSLPTPTREPKKVAVVRTP
PKSPSASKSRLQTAPVMPDLKNVRSKIGSTENLKHQPGGGKVQIINKKLDLSNV
QSKCGSKDNIKHVPGGGSVHIVYKPVDLKVTSCGSLGNIHHKPGGGQVEVKS
EKLDKDRVQSKIGSLDNITHVPGGGNKKIETHKLTFRENAKAKTDHGAEIVYKSP
VVSGDTSRHLNSVSTGSIDMVDSPLATLADEVASLAKQGL

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

82.4 kDa

Uniprot ID
P19332
Expiration Date

6 months from date of receipt.