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## 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**

AEPRQEFDTMEDQAGDYTMLQDQEGDMDHGLKESPPQPPADDGSEEPGSETS  
 DAKSTPTAEDVTAPLVEERAPDKQATAQSHTEIPEGTTAEAEAGIGDTPNMEDQA  
 AGHVTQEPQKVEIFSQSLLVEPGRREGQAPDSGISDWITHQQVPSMSGAPLPPQ  
 GLREATHQPLGTRPEDVERSHPASELLWQESPQKEAWGKDRLGSEEEVDEDIT  
 MDESSQESPPSQASLAPGTATPQARSVSASGVSGGETTSIPGFPAEGSIPLPADFFS  
 KVSATQASPPPEGPTGPGSEEGHEAAPEFTFHVEIKASAPKEQDLEGATVVGAPA  
 EEQKARGPSVGGKTKESLLEPTDKQPAAGLPGRPVSRVPQLKARVAGVSKDRT  
 GNDEKKAKTSTPSCAKTPSNRCLSPTRPTPGSSDPLIKPSSPAVCEPATSPKYV  
 SSVTPRNGSPGKQMKLKGADGKTGAKIATPRGAATPGQKGTSNATRIPAKTTP  
 SPKTPPGSGEPPKSGERSGYSSPGSPGSRSRTPSLPTPPTREPKKVAVVRTP  
 PKSPSASKSRLQTAPVMPDLKNVRSKIGSTENLKHQPGGGKVQIINKKLDLSNV  
 QSKCGSKDNIKHVPGGGSVHIVYKVDLSKVTSKCGSLGNIHHKPGGGQVEVKS  
 EKLDKDRVQSKIGSLDNITHVPGGGNKKIETHKLTFRENAKAKTDHGAEIVYKSP  
 VVSGDTSRHLNSVSTGSIDMVDSPQLATLADEVASLAKQGL

**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.