

## Recombinant mouse Microtubule-associated protein 2

Catalog No: #AP72661



Package Size: #AP72661-1 20ug #AP72661-2 100ug #AP72661-3 1mg

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## Description

Product Name	Recombinant mouse Microtubule-associated protein 2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:213-559aaSequence Info:Partial
Accession No.	P20357
Uniprot	P20357
GeneID	17756;
Calculated MW	40 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GMEGEKLPVPFAQTFGTNLEDRKQSTEPSIVMPSIGLSAEPAPKEPKDWFIEMPTESKKDEWGLAAPISPG PLTPMREKDVLEDIPRWEGKQFDSPMPSPFHGGSFTLPLDTMKNERVSEGPRPFAPVFFQSDDKVSLQDPSA LATSKESSKDEEPLKDKADKVADVSISEVTTLLGNVHSPVVEGYVGENISGEVKVTTDQEKKETSAPSVQEPTL TETEPQTKLDEKSTVSIEEAVAKKEESFKLRDDKTGVIQTSTEQSFSKEDQKQGEHTIDELKQDSFPISLEQAVT DAAMTSKTLGKVTSEPEAVSERREIQGLFEEKTADKNKLEGAGSATIAEVEMP
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also se to have a stiffening effect on microtubules.

## References

Comprehensive identification of phosphorylation sites in postsynaptic density preparations.Trinidad J.C., Specht C.G., Thalhammer A., Schoepfer R., Burlingame A.L.Mol. Cell. Proteomics 5:914-922(2006)Research Topic:Others

Note: This product is for in vitro research use only