

Recombinant Mouse Microtubule-associated protein 2(Map2),partial

Catalog No: #AP70522

Package Size: #AP70522-1 20ug #AP70522-2 100ug #AP70522-3 1mg

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Description

Product Name	Recombinant Mouse Microtubule-associated protein 2(Map2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:213-559aaSequence Info:Partial
Accession No.	P20357
Calculated MW	54 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	GMEGEKLPPVFAQTFGTNLEDRKQSTEPSIVMPSIGLSAEPPAPKEPKDWFIEMPTESKKDEWGLAAPISPG PLTPMREKDVLEDIPRWEGKQFDSPMPSPFHGGSTLPLDTMKNERVSEGPRPFAPVFFQSDDKVSLQDPSA LATSKESKDEEPLKDKADKVADVISEVTTLLGNVHSPVVEGYGVGENISGEVKVTTDQEKKETSAPSVQEPTL TETEPQTKLDEKSTVSIEEAVAKKEESFKLRDDKTGVIQTSTEQSFSKEDQKGQEHTIDELKQDSFPISLEQAVT 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

Qualitative and quantitative analyses of protein phosphorylation in naive and stimulated mouse synaptosomal preparations.Munton R.P., Tweedie-Cullen R., Livingstone-Zatchej M., Weinandy F., Waidelich M., Longo D., Gehrig P., Potthast F., Rutishauser D., Gerrits B., Panse C., Schlapbach R., Mansuy I.M.Mol. Cell. Proteomics 6:283-293(2007)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.