

Recombinant Mouse Map2 Protein, Myc/DDK-tagged

Cat. No. Map2-3919M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length microtubule-associated protein 2 (Map2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.
Molecular Mass	53.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Map2 microtubule-associated protein 2 [Mus musculus (house mouse)]
Official Symbol	Map2
Synonyms	Map2; microtubule-associated protein 2; re; MAP; Mta; MAP-2; Mtap2; Mtap-2; repro4; G1-397-34; microtubule-associated protein 2
Gene ID	17756
mRNA Refseq	NM_001039934
Protein Refseq	NP_001035023
UniProt ID	Q3TLQ0

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