

Recombinant Human MAP4

Catalog No: #GP10811



Package Size: #GP10811-1 100ug

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Description

Product Name	Recombinant Human MAP4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 151 amino acids of human microtubule-associated protein 4
Target Name	microtubule-associated protein 4
Accession No.	Swissprot:P27816Gene Accession:BC008715
Uniprot	P27816
GeneID	4134;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a major non-neuronal microtubule-associated protein. This protein contains a domain similar to the microtubule-binding domains of neuronal microtubule-associated protein (MAP2) and microtubule-associated protein tau (MAPT/TAU). This protein promotes microtubule assembly, and has been shown to counteract destabilization of interphase microtubule catastrophe promotion. Cyclin B was found to interact with this protein, which targets cell division cycle 2 (CDC2) kinase to microtubules. The phosphorylation of this protein affects microtubule properties and cell cycle progression. Multiple transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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