

## MAP4 抗原（重组蛋白）

中文名称： MAP4 抗原（重组蛋白）

英文名称： MAP4 Antigen (Recombinant Protein)

相关类别： 抗原

储 存： 冷冻（-20℃）

### 概述

Fusion protein corresponding to N terminal 151 amino acids of human MAP4

### 技术规格

<b>Full name:</b>	microtubule-associated protein 4
<b>Swissprot:</b>	P27816
<b>Gene Accession:</b>	BC008715
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.

