

Recombinant Rat Map9 Protein, His-tagged

Cat. No. Map9-1761R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Map9 Protein (Ser2-Cys255) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser2-Cys255
Description	Predicted to enable microtubule binding activity. Predicted to be involved in mitotic spindle assembly and regulation of cell cycle process. Located in axon. Orthologous to human MAP9 (microtubule associated protein 9).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.8 kDa Accurate Molecular Mass: 44 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Map9 microtubule-associated protein 9 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Map9
Synonyms	MAP9; microtubule-associated protein 9; Mtap9; RGD1560368;
Gene ID	310544
mRNA Refseq	NM_001135716
Protein Refseq	NP_001129188
UniProt ID	D3ZAG3

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