

## Recombinant Human MAP1S Protein, His-tagged

Cat. No. MAP1S-2415H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAP1S Protein (Arg854-Phe1059) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg854-Phe1059
<b>Description</b>	Enables DNA binding activity and cytoskeletal protein binding activity. Involved in microtubule bundle formation; neuron projection morphogenesis; and regulation of chromatin disassembly. Located in several cellular components, including microtubule cytoskeleton; nuclear lumen; and perinuclear region of cytoplasm.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.9 kDa Accurate Molecular Mass: 26 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MAP1S microtubule-associated protein 1S [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">MAP1S</a>
<b>Synonyms</b>	MAP1S; microtubule-associated protein 1S; BPY2 interacting protein 1, BPY2IP1, C19orf5, chromosome 19 open reading frame 5, VCY2 interacting protein 1, VCY2IP1; FLJ10669; MAP8; MAP-1S; BPY2 interacting protein 1; BPY2-interacting protein 1; VCY2 interacting protein 1; VCY2-interacting protein 1; microtubule-associated protein 8; variable charge Y chromosome 2-interacting protein 1; BPY2IP1; C19orf5; VCY2IP1; VCY2IP-1; MGC133087;
<b>Gene ID</b>	<a href="#">55201</a>
<b>mRNA Refseq</b>	<a href="#">NM_018174</a>
<b>Protein Refseq</b>	<a href="#">NP_060644</a>

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<b>MIM</b>	607573
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<b>UniProt ID</b>	Q66K74
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