Recombinant Human MAP1S Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MAP1S Protein (Arg854-Phe1059) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg854-Phe1059
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.9 kDa Accurate Molecular Mass: 26 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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 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	MAP1S microtubule-associated protein 1S [Homo sapiens (human)]
Official Symbol	MAP1S
Synonyms	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;
Gene ID	55201
mRNA Refseq	NM_018174
Protein Refseq	NP_060644

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MIM	607573
UniProt ID	Q66K74

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