

## Recombinant Human MAP1S, His-tagged

**Cat. No.** MAP1S-732H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MAP1S protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 457-806aa                                                                                                                                                             |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MAP1S microtubule-associated protein 1S [ Homo sapiens ]                                                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | MAP1S                                                                                                                                                                                                                                                                                                                    |
| <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- |

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|                            |                                                                                                                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | 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>                                                                                                                                                                                                     |
| <b>MIM</b>                 | <a href="#">607573</a>                                                                                                                                                                                                        |
| <b>UniProt ID</b>          | <a href="#">Q66K74</a>                                                                                                                                                                                                        |
| <b>Chromosome Location</b> | 19p13.12                                                                                                                                                                                                                      |
| <b>Function</b>            | DNA binding; actin filament binding; NOT actin filament binding; beta-tubulin binding; NOT deoxyribonuclease activity; identical protein binding; microtubule binding; microtubule binding; protein binding; tubulin binding; |

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