

## Recombinant Human MOB1A Protein, His-tagged

Cat. No. MOB1A-396H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MOB1A(Ser2-Arg216) fused with His tag at C-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 2-216 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | The protein encoded by this gene is a component of the Hippo signaling pathway, which controls organ size and tumor growth by enhancing apoptosis. Loss of the encoded protein results in cell proliferation and cancer formation. The encoded protein is also involved in the control of microtubule stability during cytokinesis. Several transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | Lyophilized from a 0.2 $\mu$ filtered solution of 20mM Tris, 0.15M NaCl, pH 8.0. Stable for at least 6 months from date of receipt under proper storage and handling conditions.                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 26.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | < 0.1 EU per $\mu$ g protein as determined by LAL test                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | >95% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                 |

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**Concentration**      Resuspend the protein to the desired concentration in proper buffer.

## GENE INFORMATION

**Gene Name**      [MOB1A MOB kinase activator 1A \[ Homo sapiens \]](#)

**Official Symbol**      [MOB1A](#)

**Synonyms**      MOB1A; MOB kinase activator 1A; C2orf6, chromosome 2 open reading frame 6 , MOB1 Mps One Binder homolog A (yeast) , MOB1, Mps One Binder kinase activator like 1B (yeast) , MOBK1B, MOBKL1B; FLJ10788; FLJ11595; Mats1; MOB1; Mob4B; mob1 alpha; mob1 homolog 1B; MOB1 Mps One Binder homolog A; mps one binder kinase activator-like 1B; MOB1, Mps One Binder kinase activator-like 1B; MATS1; C2orf6; MOBK1B; MOBKL1B;

**Gene ID**      [55233](#)

**mRNA Refseq**      [NM\\_018221](#)

**Protein Refseq**      [NP\\_060691](#)

**MIM**      [609281](#)

**UniProt ID**      [Q9H8S9](#)

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