# **Recombinant Human MOB1A Protein (His Tag)**

Catalog Number: PKSH032759



Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Synonyms MOB Kinase Activator 1A;Mob1 Alpha;Mob1A;Mob1 Homolog 1B;Mps One

Binder Kinase Activator-like 1B;MOB1A;C2orf6;MOB4B;MOBK1B;MOBKL1B

Species Human
Expression Host E.coli

SequenceSer2-Arg216AccessionQ9H8S9Calculated Molecular Weight26.0 kDaObserved molecular weight29 kDaTagC-His

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per µg of the protein as determined by the LAL method.

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

**Shipping** This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH

8.0.

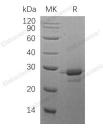
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the print

**Reconstitution** Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

## **Background**

MOB Kinase Activator 1A (MOB1A) belongs to the MOB1/phocein family, which acts as an activator of LATS1/2 in the Hippo signaling pathway, plays a key role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. MOBKL1B stimulates the kinase activity of STK38 and STK38L. MOBKL1B binds to and regulate downstream targets such as the NDR-family protein kinases and LATS1 kinase.

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