



Recombinant Protein Technical Manual

Recombinant Human MOB1A Protein (His Tag)

RPES4740

Product Data:

Product SKU: RPES4740

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9H8S9

Protein Information:

Molecular Mass: 26.0 kDa

AP Molecular Mass: 29 kDa

Tag: C-6His

Bio-activity:

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

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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, 0.15M NaCl, pH 8.0 .

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

Application:

Synonyms: MOB Kinase Activator 1A; Mob1 Alpha; Mob1A; Mob1 Homolog 1B; Mps One Binder Kinase Activator-like 1B; MOB1A; C2orf6; MOB4B; MOBK1B; MOBKL1B

Immunogen Information:

Sequence: Ser2-Arg216

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.