



Recombinant Protein Technical Manual

Recombinant Human MOB4/MOBKL3 Protein (His Tag)

RPES4762

Product Data:

Product SKU: RPES4762

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9Y3A3

Protein Information:

Molecular Mass: 28.2 kDa

AP Molecular Mass: 32 kDa

Tag: N-6His

Bio-activity:

Purity: > 90 % 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 TrisHCl, 150mM NaCl, 1mM DTT, pH 8.0.

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

Application:

Synonyms: MOB-Like Protein Phocain; 2C4D; Class II mMOB1; Mob1 Homolog 3; Mob3; Mps One Binder Kinase Activator-Like 3; Preimplantation Protein 3; MOB4; MOB3; MOBKL3; PHOCN; PREI3

Immunogen Information:

Sequence: Met 1-Ala225

Background:

MOB-Like Protein Phocein is a member of the MOB1/Phocein Family. MOB-Like Protein Phocein is associated with membranes and the Golgi stacks. It is present in the cytosol, where it behaves as a protein complex. It has been shown that MOB-Like Protein Phocein interacts with DNM1, EPS15 and Nucleoside Diphosphate Kinase. MOB-Like Protein Phocein is the major partner of Striatin Family members and may play a important role in membrane trafficking, specifically in membrane budding reactions.