

MOB4 Protein, Human, Recombinant (His)

General Information

Synonyms:	PREI3;MOBK13;Mps One Binder Kinase Activator-Like 3;Mob1 Homolog 3;2C4D;MOB4;Mob3; MOB-Like Protein Phocein;Preimplantation Protein 3;PHOCN;Class II mMOB1
Protein Construction:	Met1-Ala225
Species:	Human
Expression Host:	E. coli
Accession:	Q9Y3A3
Molecular Weight:	27-33 KDa (reducing condition)
AA Sequence:	Met1-Ala225

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM Tris-HCl, 150 mM NaCl, 1 mM DTT, pH 8.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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