

# Recombinant Human MOB4/MOBKL3 Protein (His Tag)



Catalog Number:PKSH032760

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

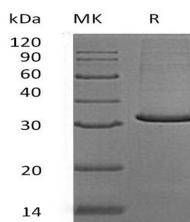
## Description

<b>Synonyms</b>	MOB-Like Protein Phocean;2C4D;Class II mMOB1;Mob1 Homolog 3;Mob3;Mps One Binder Kinase Activator-Like 3;Preimplantation Protein 3;MOB4;MOB3;MOBKL3;PHOCN;PREI3
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Ala225
<b>Accession</b>	Q9Y3A3
<b>Calculated Molecular Weight</b>	28.2 kDa
<b>Observed molecular weight</b>	27-33 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM DTT, 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
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 90 % as determined by reducing SDS-PAGE.

## Background

MOB-Like Protein Phocean is a member of the MOB1/Phocean Family. MOB-Like Protein Phocean 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 Phocean interacts with DNM1, EPS15 and Nucleoside Diphosphate Kinase. MOB-Like Protein Phocean is the major partner of Striatin Family members and may play a important role in membrane trafficking, specifically in membrane budding reactions.

## For Research Use Only

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