

Recombinant human MOBKL1B/MOB1A protein

Catalog Number: ATGP0866

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-216aa

UniProt No.

Q9H8S9

NCBI Accession No.

NP_060691

Alternative Names

MOB kinase activator 1A, Mob1 alpha, Mob1A, Mob1 homolog 1B, Mps one binder kinase activator-like 1B, MOB1 Mps One Binder homolog A, MOB4B, MOBKL1B, MOBKL1B

PRODUCT SPECIFICATION

Molecular Weight

27.2 kDa (236aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5mM DTT, 30% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

MOBKL1B, also known as MOB1B, belongs to the MOB1/phocein family. It 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. Therefore, MOBKL1B participates in cell cycle checkpoint control and tumor inhibition. Recombinant human MOBKL1B protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MSFLFSSRSS KTFKPKKNIP EGS HQYELLK HAEATLGSGN LRQAVMLPEG EDLNEWIAVN
TVDFFNQINM LYGTITEFCT EASCPVMSAG PRYEYHWADG TNIKKPIKCS APKYIDYLMT WVQDQLDDET LFPSKIGVPF
PKNFMSVAKT ILKRLFRVYA HIYHQHFDSV MQLQEEAHLN TSFKHFIFFV QEFNLIDRRE LAPLQELIEK LGSKDR

General References

Lai ZC., et al. (2005) Cell. 120(5):675-85.

Bichsel SJ., et al. (2004) J Biol Chem. 279(34):35228-35.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)