

Recombinant Human MOBKL1B, His-tagged

Cat. No. MOBKL1B-941H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MOBKL1B protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 27.2 kDa (236aa).
Species	Human
Source	E.coli
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.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 30% glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MSFLFSSRSS KTFKPKKNIP EGS HQYELLK HAEATLGSGN LRQAVMLPEG EDLNEWIAVN TVDFFNQINM LYGTITEFCT EASCPVMSAG PRYEYHWADG TNIKKPIKCS APKYIDYLMT WVQDQLDDET LFPSKIGVPF PKNFMSVAKT ILKRLFRVYA HIYQHFDSDV MQLQEEAHLN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TSFKHFIFFV QEFNLIDRRE LAPLQELIEK LGSKDR.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

MOBK1B MOB1, Mps One Binder kinase activator-like 1B (yeast) [Homo sapiens]

Synonyms

MOB1, Mps One Binder kinase activator-like 1B (yeast); MOB1; MATS1; Mob4B; C2orf6; MOBK1B; FLJ10788; FLJ11595; MOBKL1B; mps one binder kinase activator-like 1B; mob1A; mob1 alpha; mob1 homolog 1B; Mob1 homolog 1B; Mob1 alpha

Gene ID

55233

mRNA Refseq

NM_018221

Protein Refseq

NP_060691

MIM

609281

UniProt ID

Q9H8S9

**Chromosome
Location**

2p13.1

Function

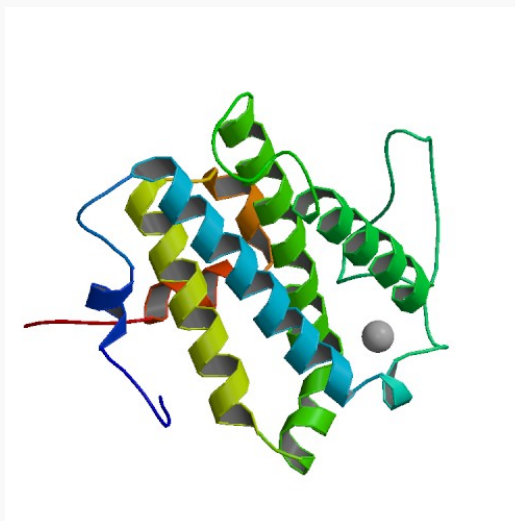
metal ion binding; protein binding

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