
Product Data Sheet

Product Name: MOBKL1B Human
 Cat. No.: GP23936
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Mps one binder kinase activator-like 1B; Mob1 alpha; Mob1A; Mob1 homolog 1B; Protein Mob4B; MOBKL1B; C2orf6; MOB4B; MOBK1B; MOB1; MATS1; FLJ10788; FLJ11595.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSFLFSSRSS KTFKPKKNIP EGS HQYELLK HAEATLGSGN LRQAVMLPEG EDLNEWIAVN TVDFFNQINM LYGTITEFCT EASCPVMSAG PRYEYHWADG TNIKKPIKCS APKYIDYLMT WVQDQLDDET LFPSKIGVPF PKNFMSVAKT ILKRLFRVYA HIYHQHFDSV MQLQEEAHLN TSFKHFIFFV QEFNLIDRRE LAPLQELIEK LGSKDR.		
Formulation	The MOBKL1B solution (0.5mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 30% glycerol.		

Introduction

MOBKL1B is a member of the MOB1/phocein family. MOBKL1B stimulates the kinase activity of STK38 and STK38L. MOBKL1B also binds to and regulates downstream targets such as the NDR-family protein kinases and LATS1 kinase. Thus, MOBKL1B participates in cell cycle checkpoint control and tumor inhibition.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MOBKL1B Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 236 amino

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acids (1-216 a.a.) and having a molecular mass of 27.2kDa. The MOBKL1B is purified by proprietary chromatographic techniques.

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