

MOBK1B, 1-216aa, Human, His tag, E.coli

Cat.NO.: TP03004

3th Edition

Synonyms:Mps one binder kinase activator-like 1B, C2orf6, FLJ10788, FLJ11595, MATS1, MOB1, Mob4B, MOBK1B

Description:MOBK1B, also known as MOB1B, belongs to the MOB1/phocein family. It stimulates the kinase activity of STK38 and STK38L. MOBK1B binds to and regulate downstream targets such as the NDR-family protein kinases and LATS1 kinase. Therefore, MOBK1B participates in cell cycle checkpoint control and tumor inhibition. Recombinant human MOBK1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,5mM DTT, 30% glycerol

Molecular Weight:27.2 kDa (236aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMSFLFSSRSSKTFKPKKNIPGSHQYELLKHAEATLGSGNLRQAVMLPEGEDLNE
WIAVNTVDFFNQINMLYGTITEFCTEASCPVMSAGPRYEYHWADGTNIKKPIKCSAPKYIDYLMTWVQDQLDDETLF
PSKIGVFPKFNFMSVAKTILKRLFRVYAHYHQHFDSVMQLQEEAHLNTSFKHFIFFVQEFNLIDRRELAPLQELIEKL
GSKDR

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.