

AR51346PU-N

Human MOBKL2B (1-216, His-tag) - Purified

Alternate names:

MOB3B, Mob1 homolog 2b, Mps one binder kinase activator-like 2B

Quantity:

0.25 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

MOB3B shares similarity with the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. This gene is located on the opposite strand as the interferon kappa precursor (IFNK) gene.

Uniprot ID:

[Q86TA1](#)

NCBI:

[NP_079037](#)

GeneID:

[79817](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Description:

Recombinant human MOB3B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMIALKQ VFNKDKTRP KRKFEPGTQR FELHKRAQAS
LNSGVDLKAA VQLPSGEDQN DWVAVHVVD FNRINLIYGT ICEFCTERTC PVMSGGPKYE
YRWQDDLKYK KPTALPAPQY MNLLMDWIEV QINNEEIFPT CVGVFPKFN LQICKILCR
LFRVHVHYI HHFDRVIVMG AEHVNTCYK HFYFVTEMN LIDRKELEPL KEMTSRMCH

Molecular weight: 27.9 kDa (239aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Akaogi K., et al (1994). Biochem. Biophys. Res. Commun. 198:1046-1053
Oh Y., et al (1996). J. Biol. Chem. 271:30322-30325

Pictures:

