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## Recombinant human MOBKL2B/MOB3B protein

Catalog Number: ATGP2526

## **PRODUCT INFORMATION**

## **Expression system**

E.coli

#### **Domain**

1-216aa

#### **UniProt No.**

086TA1

#### **NCBI Accession No.**

NP 079037

### **Alternative Names**

MOB kinase activator 3B, C9orf35, MOB1D, MOBKL2B, Mob1 homolog 2b, Mps one binder kinase activator-like 2B, MOB kinase activator-like 2B, Monopolar spindle 1 binding MOB1 domain containing

## **PRODUCT SPECIFICATION**

## **Molecular Weight**

27.9 kDa (239aa) confirmed by MALDI-TOF

## Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

#### **Purity**

> 90% 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

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. Recombinant human MOB3B 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**

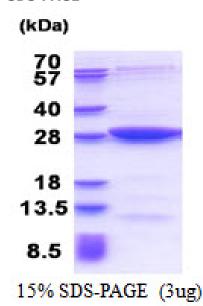
MGSSHHHHHH SSGLVPRGSH MGSMSIALKQ VFNKDKTFRP KRKFEPGTQR FELHKRAQAS LNSGVDLKAA VQLPSGEDQN DWVAVHVVDF FNRINLIYGT ICEFCTERTC PVMSGGPKYE YRWQDDLKYK KPTALPAPQY MNLLMDWIEV QINNEEIFPT CVGVPFPKNF LQICKKILCR LFRVFVHVYI HHFDRVIVMG AEAHVNTCYK HFYYFVTEMN LIDRKELEPL KEMTSRMCH

## **General References**

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

## **DATA**





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

