Recombinant human MOBKL2B/MOB3B protein

Catalog Number: ATGP2526

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-216aa

UniProt No.
Q86TA1

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

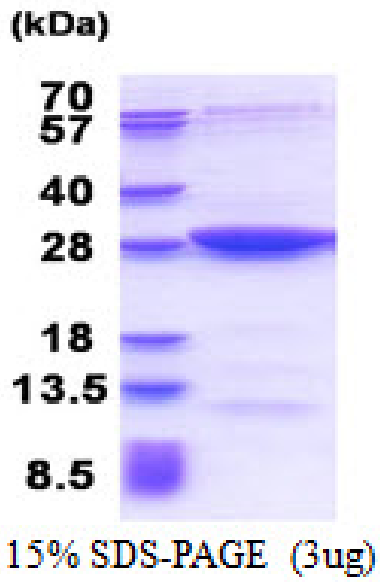
MGSSHHHHHH SSGLVPRGSH MGSMSIALKQ VFNKDKTFRP KRKFEPGTQR FELHKRAQAS LNSGVDLKAA VQLPSGEDQN DWVAVHVVDF FNRINLIYGT ICEFCTERTC PVMSGGPKYE YRWQDDLKYK KPTALPAPQY MNLLMDWIEV QINNEEIFPT CVGVPFPKNF LQICKKILCR LFRVFVHVYI HHFDRVIVMG AEAHVNTCYK HFYYFVTEMN LIDRKELEPL KEMTSRMCH

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

SDS-PAGE



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