Recombinant human MOBKL1A/MOB1B protein

Catalog Number: ATGP2026

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-216aa

UniProt No.
Q7L9L4

NCBI Accession No.
NP_775739

Alternative Names
MOB kinase activator 1B isoform 2, MATS2, MOB4A, MOBKL1A, Mob1 homolog 1A, Mob1A, Mob1B, Mps one binder kinase activator-like 1A, MOB1 Mps One Binder homolog B

PRODUCT SPECIFICATION

Molecular Weight
27 kDa (239aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

Purity
> 95% 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
MOB1B is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. Three transcript variants encoding different isoforms have been found for this gene. Recombinant human MOB1B 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

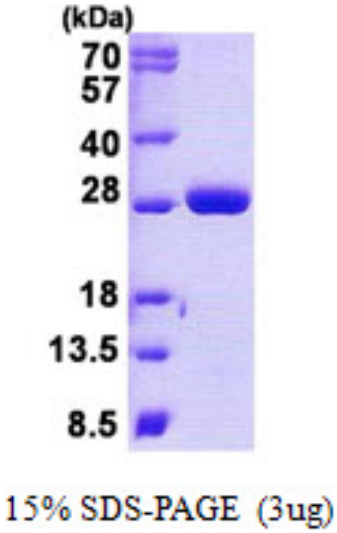
MGSSHHHHHH SSGLVPRGSH MGSMSFLFGS RSSKTFKPKK NIPEGSHQYE LLKHAEATLG SGNLRMAVML PEGEDLNEWV AVNTVDFFNQ INMLYGTITD FCTEESCPVM SAGPKYEYHW ADGTNIKKPI KCSAPKYIDY LMTWVQDQLD DETLFPSKIG VPFPKNFMSV AKTILKRLFR VYAHIYHQHF DPVIQLQEEA HLNTSFKHFI FFVQEFNLID RRELAPLQEL IEKLTSKDR

General References

Chow A, Hao Y, et al. (2010). Int J Cancer. 126(9):2079-89.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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