Recombinant human MOBKL3/MOB4 protein

Catalog Number: ATGP0833

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-225aa

UniProt No.
Q9Y3A3

NCBI Accession No.
NP_056202

Alternative Names
MOB-like protein phocein, 2C4D, Class II mMOB1, Mob1 homolog 3, Mob3, Mps one binder kinase activator-like 3, Preimplantation protein 3, MOB3, MOBKL3, PHOCN, PREI3, CGI-95

PRODUCT SPECIFICATION

Molecular Weight
28.1 kDa (245aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M Nacl, 5mM DTT, 10% glycerol

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
Mps one binder kinase activator-like 3, also known as MOBKL3, belongs to the MOB1/Phocein family and is phosphorylated on serine residues. It is usually associated with membranes but can be present in the cytosol, where it behaves as a protein complex. It is the major partner of the striatin family members, which are scaffolding proteins involved in signaling and trafficking. Recombinant human MOBKL3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human MOBKL3/MOB4 protein

Catalog Number: ATGP0833

Amino acid Sequence

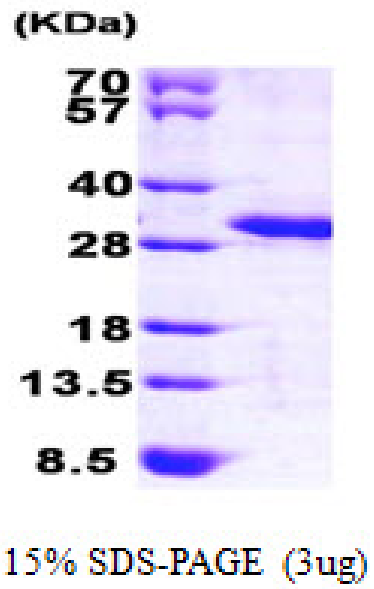
MGSSHHHHHH SSGLVPRGSH MVMAEGTAVL RRNRPGTKAQ DFYNWPDESF DEMDSTLAVQ QYIQQNIRAD CSNIDKILEP PEGQDEGVWK YEHLRQFCLE LNGLAVKLQS ECHPDTCTQM TATEQWIFLC AAHKTPKECP AIDYTRHTLD GAACLLNSNK YFPSRVSIKE SSVAKLGSVC RRIYRIFSHA YFHHRQIFDE YENETFLCHR FTKFVMKYNL MSKDNLIVPI LEEEVQNSVS GESEA

General References

Ponchon, L., et al. (2004) J. Mol. Biol. 337:167-182.
Baillat, G., et al. (2002) J Biol Chem. 277:18961-18966.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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