

AR09773PU-N

Human MOBKL3 (1-225, His-tag) - Purified

Alternate names:

2C4D, CGI-95, Class II mMOB1, MOB3, Mob1 homolog 3, Mps one binder kinase activator-like 3, PREI3, Preimplantation protein 3

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q9Y3A3](#)

NCBI:

[NP_001094289](#)

GeneID:

[25843](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 10% glycerol

Description:

Recombinant human MOBKL3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MVMAEGTAVL RRNRPGTKAQ DFYNWPDESF DEMDSTLAVQ
QYIQQNIRAD CSNIDKILEP PEGQDEGVWK YEHLRQFCLE LNLAVKLQS ECHPDTCTQM
TATEQWIFLC AAHKTPKECP AIDYTRHTLD GAACLLNSNK YFPSRVSIKE SSVAKLGSVC
RRIYRIFSHA YFHHRQIFDE YENETFLCHR FTKFVMKYNL MSKDNLIVPI LEEEVQNSVS GESEA
Molecular weight: 28.1 kDa (245aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

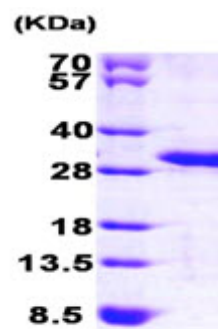
Shelf life: one year from despatch.

General Readings:

Ponchon, L., et al. (2004) J. Mol. Biol. 337:167-182.

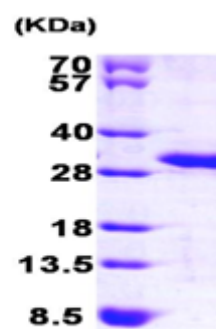
Baillat, G., et al. (2002) J Biol Chem. 277:18961-18966.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human MOBKL3, 1-225 aa,
His-tagged



15% SDS-PAGE (3ug)