
Product Data Sheet

Product Name: MOBKL3 Human
 Cat. No.: GP23937
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Mps one binder kinase activator-like 3; 2C4D; Class II mMOB1; Mob1 homolog 3; Mob3; Preimplantation protein 3; MOBKL3; MOB3; PREI3; MOB1; PREI3; CGI-95; MGC12264.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MVMAEGTAVL RRRNPGTKAQ DFYNWPDESFD DEMDSTLAVQ QYIQQNIRAD CSNIDKILEP PEGQDEGVWK YEHLRQFCLE LNLAVKLQS ECHPDTCTQM TATEQWIFLC AAHKTPKECP AIDYTRHTLD GAACLLNSNK YFPSRVSIKE SSVAKLGSVC RRIYRIFSHA YFHHRQIFDE YENETFLCHR FTKFVMKYNL MSKDNLIVPI LEEEVQNSVS GESEA.		
Formulation	The MOBKL3 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 10% glycerol.		

Introduction

Mps one binder kinase activator-like 3 (MOBKL3) is a member of the MOB1/Phocein family and is phosphorylated on serine residues. MOBKL3 is usually linked with membranes but can be present in the cytosol, where it behaves as a protein complex. MOBKL3 is the major partner of the striatin family members, which are scaffolding proteins involved in signaling and trafficking.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MOBKL3 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 245 amino

Caution: Product has not been fully validated for medical applications. For research use only.

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acids (1-225 a.a.) and having a molecular mass of 28.1kDa. The MOBKL3 is purified by proprietary chromatographic techniques.

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