
Product Data Sheet

Product Name: MOB1B Human
 Cat. No.: GP22562
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MOBKinase Activator 1B; Mps One Binder Kinase Activator-Like 1A; Mob1 Homolog 1A; MOBKL1A; Mob1A; MOB4A; MOB1; Mps One Binder Kinase Activator-Like 1A (Yeast); MOB1; MpsOne Binder Kinase Activator-Like 1A; MOB1 Mps One Binder Homolog B (Yeast); MOB1Mps One Binder Homolog B; Mob4A Protein; MATS2; Mob1B; MOB kinase activator 1B.		
Amino Acid Sequence	MGSSHHHHHSSGLVPRGSH MGSMSFLFGSRSSKTFKPKK NIPEGSHQYE LLKHAEATLG SGNLRMAVML PEGEDLNEWV AVNTVDFFNQ INMLYGTITDFCTEESCPVM SAGPKYEYHW ADGTNIKKPI KCSAPKYIDY LMTWVQDQLD DETLFPSKIG VPFKPNFMSVAKTILKRLFR VYAHYHQHF DPVIQLQEEA HLNTSFKHFI FFVQEFNLID RRELAPLQEL IEKLTSKDR.		
Formulation	MOB1Bprotein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl,30% glycerol and 1mM DTT.		

Introduction

MOB Kinase Activator 1B (MOB1B) is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, which is a protein kinase vital for spindle pole body duplication and mitotic checkpoint regulation.

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

MOB1B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 239 amino acids (1-216 a.a) and having a molecular mass of

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

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27kDa.MOB1B is fused to a 23amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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