
Product Data Sheet

Product Name: MOB3B Human
 Cat. No.: GP22563
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MOB Kinase Activator 3B; Chromosome 9 Open Reading Frame 35; Monopolar Spindle 1 Binding; MOB1; Domain Containing; MOB1 Mps One Binder Kinase Activator-Like 2B; Mps One Binder Kinase Activator-Like 2B; Monopolar Spindle 1 Binding; Mob1 Homolog 2b; MOBKL2B; Domain Containing; C9orf35; MOB1D; MOB1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSIALKQ VFNKDKTFRP KRKFEPGTQR FELHKRAQAS LNSGVDLKAA VQLPSGEDQN DWVAVHVVDV FNRINLIYGT ICEFCTERTC PVMSGGPKYE YRWQDDLKYK KPTALPAPQY MNLLMDWIEV QINNEEIFPT CVGVFPKFN LQICKKILCR LFRVHVHVI HFDVIVMG AEAHVNTCYK HFYFVTEMN LIDRKELEPL KEMTSRMCH		
Formulation	The MOB3B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.		

Introduction

MOB3B is similar to yeast Mob1 protein which binds Mps1p, a protein kinase vital for spindle pole body duplication and mitotic checkpoint regulation. MOB3B is situated on the opposite strand as the INF kappa precursor (IFNK) gene.

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

MOB3B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 239 amino acids (1-216) and having a molecular mass of 27.9 kDa.

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

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MOB3B is fused to a 23 amino acid His-tag at N-terminus.

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