

Recombinant Human MOB kinase activator 3B, His-tagged

Cat. No. MOB3B-429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MOB3B, 1-216aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-216 a.a.
Description	MOB3B shares similarity with the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. This gene is located on the opposite strand as the interferon kappa precursor (IFNK) gene. Recombinant human MOB3B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	27.9 kDa (239aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMsIALKQ VFNKDKTFRP KRKFEPGTQR FELHKRAQAS LNSGVDLKAA VQLPSGEDQN DWVAVHVVD FNRINLIYGT ICEFCTERTC PVMSGGPKYE YRWQDDLKYK KPTALPAPQY MNLLMDWIEV QINNEEIFPT CVGVFPFKNF LQICKKILCR LFRVFVHVYI HHFDRVIVMG AEAHVNTCYK HFYYFVTEMN LIDRKELEPL KEMTSRMCH

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	MOB3B MOB kinase activator 3B [Homo sapiens]
Official Symbol	MOB3B
Synonyms	MOB3B; MOB kinase activator 3B; MOB1, Mps One Binder kinase activator like 2B (yeast) , MOBKL2B; FLJ13204; MOB1D; monopolar spindle 1 binding; MOB1; domain containing; mob1 homolog 2b; mps one binder kinase activator-like 2B; MOB1, Mps One Binder kinase activator-like 2B; monopolar spindle 1 binding, MOB1, domain containing; MOBKL2B; FLJ23916; MGC32960;
Gene ID	79817
mRNA Refseq	NM_024761
Protein Refseq	NP_079037
UniProt ID	Q86TA1
Chromosome Location	9p21.1
Function	metal ion binding; protein binding;

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