

Recombinant Human MOB1B, His-tagged

Cat. No. MOB1B-7582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MOB1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-216aa
Antigen Description	MOB1B is similar to the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. Three transcript variants encoding different isoforms have been found for this gene.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.
Molecular Mass	27 kDa (239aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSM SFLFGS RSSKTFKPKK NIPEGSHQYE LLKHAEATLG SGNLRMAV ML PEGEDLNEWV AVNTVDFFNQ INMLYGTITD FCTEESCPVM SAGPKY EYHW ADGTNIKKPI KCSAPKYIDY LMTWVQDQLD DETLFPSKIG VPFPKNFMSV AKTILKRLFR VYAHYHQHF DPVIQLQEEA HLNTSFKHFI FFVQEFNLID RRELAPLQEL IEKLTSKDR
Purity	>95% as determined by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	MOB1B MOB kinase activator 1B [Homo sapiens]
Official Symbol	MOB1B
Synonyms	MOB1B; MOB kinase activator 1B; MOB1 Mps One Binder homolog B (yeast) , MOB1, Mps One Binder kinase activator like 1A (yeast) , MOBKL1A; MOB4A; Mob4A protein; mob1A; mob1 homolog 1A; MOB1 Mps One Binder homolog B; mps one binder kinase activator-like 1A; MOB1, Mps One Binder kinase activator-like 1A; MATS2; MOBKL1A; MGC33910;
Gene ID	92597
mRNA Refseq	NM_001244766
Protein Refseq	NP_001231695
MIM	609282
UniProt ID	Q7L9L4
Chromosome Location	4q13.3

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Pathway	Signal Transduction, organism-specific biosystem; Signaling by Hippo, organism-specific biosystem;
Function	kinase activator activity; kinase binding; metal ion binding; protein binding

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