

**MOB1B, 1-216aa, Human, His tag, E.coli**

**Cat.NO.: TP03002**

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3th Edition

**Synonyms:** MOB kinase activator 1B isoform 2, MATS2, MOB4A, MOBKL1A

**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. Recombinant human MOB1B 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, 30% glycerol, 1mM DTT.

**Molecular Weight:** 27 kDa (239aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSM SFLFGSRSSKTFKPKKNIPESHQYELLKHAEATLGSGNLRMAVMLPEGE  
DLNEWVAVNTVDFFNQINMLYGTITDFCTEESCPVMSAGPKYEYHWADGTNIKKPIKCSAPKYIDYLMTWVQDQLD  
DETLFPSKIGVFPKFNMSVAKTILKRLFRVYAHYHQHFDPVIQLQEEAHLNLSFKHFIFFVQEFNLIDRRELAPLQEL  
IEKLTSKDR

**Purity:** > 95% by HPLC

**Concentration:** 1 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.