

Product datasheet for PH301487

MOBK1B (MOB1A) (NM_018221) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MOBK1B MS Standard C13 and N15-labeled recombinant protein (NP_060691)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201487
Predicted MW:	24.9 kDa
Protein Sequence:	>RC201487 representing NM_018221 Red=Cloning site Green=Tags(s) MSFLFSSRSSKTFKPKKNIPGSHQYELLKHAEATLGSGNLRQAVMLPEGEDLNEWIAVNTVDFFNQINM LYGTITEFCTEASCPVMSAGPRYEYHWADGTNIKKPIKCSAPKYIDYLMTWVQDQLDDETLFPSKIGVPF PKNFMSVAKTILKRLFRVYAHYHQHFDSVMQLQEEAHLNTSFKHFIFVQEFNLIDRRELAPLQELIEK LGSKDR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060691
RefSeq Size:	2543
RefSeq ORF:	648
Synonyms:	C2orf6; MATS1; MOB1; Mob4B; MOBK1B; MOBKL1B
Locus ID:	55233
UniProt ID:	Q9H8S9



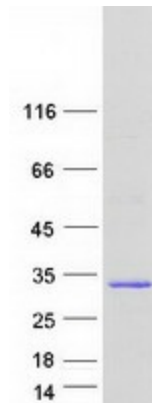
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Cytogenetics: 2p13.1

Summary: The protein encoded by this gene is a component of the Hippo signaling pathway, which controls organ size and tumor growth by enhancing apoptosis. Loss of the encoded protein results in cell proliferation and cancer formation. The encoded protein is also involved in the control of microtubule stability during cytokinesis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MOB1A protein (Cat# [TP301487]). The protein was produced from HEK293T cells transfected with MOB1A cDNA clone (Cat# [RC201487]) using MegaTran 2.0 (Cat# [TT210002]).