

## Product datasheet for **TP720267L**

### **MOBK1B (MOB1A) (NM\_018221) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human MOB1, Mps One Binder kinase activator-like 1B (yeast) (MOBKL1B)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Ser2-Arg216
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	26.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	< 0.1 EU per µg protein as determined by LAL test
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_060691</a>
<b>Locus ID:</b>	55233
<b>UniProt ID:</b>	<a href="#">Q9H8S9</a>
<b>Cytogenetics:</b>	2p13.1
<b>Synonyms:</b>	C2orf6; MATS1; MOB1; Mob4B; MOBK1B; MOBKL1B



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**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:**