



# Recombinant Human M-phase-specific PLK1-interacting protein (MPLKIP)

<b>Product Code</b>	CSB-YP837418HU
<b>Abbreviation</b>	MPLKIP
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8TAP9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MQRQNFRPPT PPYPGPGGGG WSGSSFRGT PGGGGPRPPS PRDGYGSPHH TPPYGPRSRP YGSSHSPRHG GSFPGGRFGS PSPGGYPGSY SRSPAGSQQQ FGYSPPGQQQT HPQGSPTST PFGSGRVREK RMSNELENYF KPSMLEPWA GLEPVSVDI SQQYSNTQTF TGKKGRYFC
<b>Source</b>	Yeast
<b>Target Names</b>	MPLKIP
<b>Protein Names</b>	Recommended name: M-phase-specific PLK1-interacting protein Alternative name(s): TTD non-photosensitive 1 protein
<b>Expression Region</b>	1-179
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein localizes to the centrosome during mitosis and to the midbody during cytokinesis. The protein is phosphorylated by cyclin-dependent kinase 1 during mitosis and subsequently interacts with polo-like kinase 1. The protein is thought to function in regulating mitosis and cytokinesis. Mutations in this gene result in nonphotosensitive trichothiodystrophy.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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