



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

Product Code	CSB-EP837418HU-B
Abbreviation	MPLKIP
Storage	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.
Uniprot No.	Q8TAP9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MQRQNFRPPT PPYPGPGGGG WSGSSFRGT PGGGGPRPPS PRDGYGSPHH TPPYGPRSRP YGSSHSPRHG GSFPGGRFGS PSPGGYPGSY SRSPAGSQQQ FGYSPPGQQQT HPQGSPTST PFGSGRVREK RMSNELENYF KPSMLEPWA GLEPVSVDI SQQYSNTQTF TGKKGRYFC
Source	E.coli
Target Names	MPLKIP
Protein Names	Recommended name: M-phase-specific PLK1-interacting protein Alternative name(s): TTD non-photosensitive 1 protein
Expression Region	1-179
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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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