

Recombinant Human MPLKIP Protein, GST-tagged

Cat. No. MPLKIP-5218H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C7orf11 full-length ORF (NP_619646.1, 1 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene 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. [provided by RefSeq, Nov 2009]
Molecular Mass	45.5 kDa
AA Sequence	MQRQNFRPPTPPYPGPGGGGWGSGSSFRGTPGGGGPRPPSPRDGYGSPHHTPP YGPRSRPYGSSHSRHHGGSFPGGRFGSPSPGGYPGSYSRSPAGSQQQFGYSPG QQQTHPQGSPTSTPFGSGRVREKRMSNELENYFKPSMLEDPWAGLEPVSVVDIS QQYSNTQTFTGKKGRYFC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

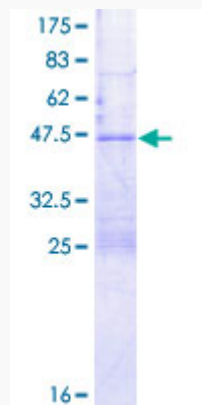
Gene Name	MPLKIP M-phase specific PLK1 interacting protein [Homo sapiens (human)]
Official Symbol	MPLKIP
Synonyms	C7orf11; MPLKIP; M-phase specific PLK1 interacting protein; M-phase-specific PLK1-interacting protein; Russell-Silver syndrome region; TTD non-photosensitive 1 protein
Gene ID	136647
mRNA Refseq	NM_138701
Protein Refseq	NP_619646
MIM	609188
UniProt ID	Q8TAP9

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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