

Recombinant Full Length Human MPLKIP Protein, GST-tagged

Cat. No. MPLKIP-3849HF **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	In Vitro Cell Free System
ProteinLength	179 amino acids
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 QQQTHPQGSPRTSTPFGSGRVREKRMSNELENYFKPSMLEDPWAGLEPVSVDIS QQYSNTQTFTGKKGRYFC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

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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