

Recombinant human MLF1IP, His-tagged

Cat. No. MLF1IP-2495H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human MLF1IP protein, fused to His-tag at N-terminus, was expressed in E.coli.

Species Human

Source E.coli

Description MLF1IP, as known as centromere, is a specialized chromatin domain, present throughout the cell cycle that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. It plays an important role in the correct PLK1 localization to the mitotic kinetochores. It is a scaffold protein responsible for the initial recruitment and maintenance of the kinetochore PLK1 population until its degradation. It also involved in transcriptional repression.

Form Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Mass 33.7kDa (295aa)

AA Sequence
 MGSSHHHHHH SSGLVPRGSH MGSTRRKVKS AEKISTQRHE VIRTASSEL
 SEKPAESVTS KKTGPLSAQP SVEKENLAIE SQSKTQKKGKISHDKRKKSR
 SKAIGSDTSD IVHIWCPEGM KTS DIKELNI VLPEFEKTHL EHQQRIESKV
 CKAAIATFYV NVKEQFIKML KESQMLTNLKRKNAKMISDI EKQRQRMIEV
 QDELLRLEPQ LKQLQTKYDE LKERKSSLRN AAYFLSNLKQ LYQDYSVDVQA
 QEPNVKETYD SSSLPALLFKARTLLGAESH LRNINHQLEK LLDQG

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Purity	>80% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	MLF1IP ? MLF1 interacting protein [?Homo sapiens?(human)]
Official Symbol	MLF1IP
Synonyms	MLF1IP; CENPU; KLIP1; PBIP1; CENP50; CENPU50; MLF1 interacting protein; centromere protein U; MLF1-interacting protein; centromere protein of 50 kDa; polo-box-interacting protein 1; interphase centromere complex protein 24; KSHV latent nuclear antigen interacting protein 1; KSHV latent nuclear antigen-interacting protein 1
Gene ID	79682
mRNA Refseq	NM_024629
Protein Refseq	NP_078905
MIM	611511
UniProt ID	Q71F23

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Chromosome

4q35.1

Location

Pathway

Cell Cycle; Chromosome Maintenance; Deposition of New CENPA-containing Nucleosomes at the Centromere

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