

AR51315PU-N

Human MLF1IP (147-418, His-tag) - Purified

Alternate names:

CENP-U(50), CENPU, Centromere protein U, ICEN24, Interphase centromere complex protein 24, KLIP1, KSHV latent nuclear antigen-interacting protein 1, MLF1-interacting protein, PBIP, Polo-box-interacting protein 1

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q71F23](#)

NCBI:

[NP_078905](#)

GeneID:

[79682](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >80% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

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

AA Sequence:

MGSSHHHHH SSSLVPRGSH MGSTRRKVKS AEKISTQRHE VIRTTASSEL SEKPAESVTS
KKTGPLSAQP SVEKENLAIE SQSKTQKKGK ISHDKRKKSR SKAIGSDTSD IVHIWCPEGM
KTS DIKELNI VLPEFEKTHL EHQQRIESKV CKAATATFYV NVKEQFIKML KESQMLTNLK
RKNAMISDI EKKRQRMIEV QDELLRLEPQ LKQLQTKYDE LKERKSSLRN AAYFLSNLKQ
LYQDYS DVQA QEPNVKETYD SSSLPALLFK ARTLLGAESH LRNINHQLEK LLDQG

Molecular weight: 33.7 kDa (295aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Foltz DR. et al. (2006) Nat Cell Biol. 8:458-469.

Pictures:

