

Product datasheet for **AR51315PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	MLF1IP (147-418, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSSLVPRGSH MGSTRRKVKS AEKISTQRHE VIRTASSEK SEKPAESVTS KKTGPLSAQP SVEKENLAIE SQSKTQKKGK ISHDKRKKSR SKAIGSDTSD IVHIWCPEGM KTS DIKELNI VLPEFEKTHL EHQQRIESKV CKAAIATFYV NVKEQFIKML KESQMLTNLK RKNAKMISDI EKKRQRMIEV QDELLRLEPQ LKQLQTKYDE LKERKSSLRN AAYFLSNLKQ LYQDYSVDVQA QEPNVKETYD SSSLPALLFK ARTLLGAESH LRNINHQLEK LLDQG
Tag:	His-tag
Predicted MW:	33.7 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4 M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MLF1IP protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_078905
Locus ID:	79682
UniProt ID:	Q71F23
Cytogenetics:	4q35.1
Synonyms:	CENP50; CENPU50; KLIP1; MLF1IP; PBIP1



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Summary:

The 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. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). MLF1IP, or CENPU, is an additional factor required for centromere assembly (Foltz et al., 2006 [PubMed 16622419]). [supplied by OMIM, Mar 2008]

Protein Families:

Druggable Genome

Product images: