

Datasheet for ABIN7553455

MLF1IP Protein (AA 1-418) (His tag)



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Overview

Quantity:	1 mg
Target:	MLF1IP
Protein Characteristics:	AA 1-418
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MLF1IP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CENPU Protein expressed in mammalian cells.
Sequence:	MAPRGRRRRPR PHRSEGARRS KNTLERTHSM KDKAGQKCKP IDVFDFPDNS DVSSIGRLGE NEKDEETYET FDPPLHSTAI YADEEEFSKH CGLSLSTPP GKEAKRSSDT SGNEASEIES VKISAKKPGR KLRPISDDSE SIEESDTRRK VKSAEKISTQ RHEVIRTTAS SELSEKPAES VTSKKTGPLS AQPSVEKENL AIESQSKTQK KGKISHDKRK KRSKAIGSD TSDIVHIWCP EGMKTSDIKE LNIVLPEFEK THLEHQRIE SKVCKAAIAT FYVNVKEQFI KMLKESQMLT NLKRKNAKMI SDIEKKRQRM IEVQDELLRL EPQLKQLQTK YDELKERKSS LRNAAYFLSN LKQLYQDYSD VQAQEPNVKE TYDSSSLPAL LFKARTLLGA ESHLRNINHQ LEKLLDQG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	MLF1IP
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Alternative Name:	CENPU (MLF1IP Products)
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Background:	Centromere protein U (CENP-U) (Centromere protein of 50 kDa) (CENP-50) (Interphase centromere complex protein 24) (KSHV latent nuclear antigen-interacting protein 1) (MLF1-interacting protein) (Polo-box-interacting protein 1),FUNCTION: Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. Plays an important role in the correct PLK1 localization to the mitotic kinetochores. A scaffold protein responsible for the initial recruitment and maintenance of the kinetochore PLK1 population until its degradation. Involved in transcriptional repression. {ECO:0000269 PubMed:12941884, ECO:0000269 PubMed:16716197, ECO:0000269 PubMed:17081991}.
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Molecular Weight:	47.5 kDa
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UniProt:	Q71F23
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months