

Datasheet for ABIN7559137

MLF1IP Protein (AA 1-410) (His tag)



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Overview

Quantity:	1 mg
Target:	MLF1IP
Protein Characteristics:	AA 1-410
Origin:	Mouse
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:	<p>MAARRSLRYS GNPGAKHSKN TLRSTYSRKQ KAGPKPRPKD VFDFSNNSDA SSIPGALEEE</p> <p>EETYETFDPP LHSTAIYAED ELSKHCVSSS SLATHRGKAS RNLDPSEDEA SGNESIKVST</p> <p>KKPRRKLEPI SGESDSSADD VRRRVASAEG PRSQQRQAAP AAPSPPERPA EPVTPRRTRL</p> <p>HSAQLSPVDE TPATQSQLKT QKKVRPSPGR RKRPRRGHTD TDGSESMHIW CLEGKRQSDI</p> <p>TELDVILSVF EKTFLYKQR VESESCNQAI NKFYFKMKGE LIRMLKEAQM LKALKMKNTK</p> <p>IIANMEKKRQ RLIEVQDELI RLEPQLKQLQ TKYDDLKERK SSLKSKHFL SNLKQLCQDY</p> <p>SNVQEKGPKE TGKYDSSSLP ALLFKARSIL GAENHLRTIN YQLGKLEELD Sequence without tag.</p> <p>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.</p>
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

Grade: custom-made

Target Details

Target: MLF1IP

Alternative Name: Cenpu ([MLF1IP Products](#))

Background: Centromere protein U (CENP-U) (MLF1-interacting protein),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 (By similarity). {ECO:0000250}.

Molecular Weight: 46.4 kDa

UniProt: [Q8C4M7](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

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