

Datasheet for ABIN7564283

MIS18 Binding Protein 1 (MIS18BP1) (AA 1-998) protein (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MIS18 Binding Protein 1 (MIS18BP1)
Protein Characteristics:	AA 1-998
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mis18bp1 Protein expressed in mammalian cells.
Sequence:	MIVTPLKHSG IHLSSGTLQR RNMPDAVFI DSIPSGTLTP LKDLVKYQKS SLKVNNGHKKN QLLEIRTSNN KDLFQSTMLS EATLPNSSLD ISVIKPSMDR LRNEMIIYESP GKIFQRMKAK VQRDKQEQLT RSSSMLGSPQ GEHTKDFPPN TDKKAQLQQT YICEEKQTSV QSNPDLGDP PILNQEQKNV SASCISKKAL TRAQFGGQVL HSKESPVRIT VSKKNTFVLG GIDCTYEKFE NTDVNTISSL CVPIKNHSQS ITSDNDVTTE RTAKEDITEP NEEMMSRRTI LQDPIKNTSK IKRSSPRPNL TSLGRSQRKC TKLETVVKEV KKYQAVHLQE WMIKVINNNT AICVEGKLVD MTDVYWHNSV IIERIKHNEL RTLSGNIYIL KGLIDSVSMK EAGYPCYLTR KFMFGFPHNW KEHIDKFLEQ LRAEKKNKTR QETARVQEKQ KSKKKDAEDK ETYVLQKASI TYDLNDNSLE RTEVPTDPLN SLEQPTSGKE RRHPLLSQKR AYYLITPLRN KKLIEQRCID YLSLIEGISD FFKAKHQEES DSDIHGTPSS TSKSQETFEH RVGFEGNTKE DCNECDIITA RHIQIPCPKS KQMLTNDFMK KNLPSKLQK TENQIGVSQY CRSSSHLSSE ENEVEIKSRT RARNTKERLN

RERENTNHIT KDILLISETE GERACYITPK RPRSCYITPK RPRSSAKESH YKSAVSKDFL
TEGKASDRTS RQLLDHLPGL TDDEEWSEQE LQKLHCAFTS LPKHKPGFWS DVAMAVGSRT
ADECQKKYTE EPQGQGSRKH GSKKKQANKV QNGEKDSADA KTIKITAKVG TLKRKRQMRD
CLEHLAKDNH DDFFTATPLQ KQRIQLPSFQ YSQDDDFLLD MDRDPASPSS IITSPLRSTT
PQCQHFSPSM LAAIERNNCD RYVYQMKNNA KKYGKSNGL VWGNIRKKTV KTDLSSPPPT
RKALFNKDLG KNTDISKYFI DDTESDEEEK DYYFSNSD **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:

- 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: MIS18 Binding Protein 1 (MIS18BP1)

Alternative Name: Mis18bp1 ([MIS18BP1 Products](#))

Background: Mis18-binding protein 1 (Kinetochore-associated protein KNL-2 homolog),FUNCTION: Required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis. {ECO:0000250|UniProtKB:Q6P0N0}.

Molecular Weight: 114.0 kDa

Target Details

UniProt: [Q80WQ8](#)

Pathways: [Chromatin Binding](#)

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.

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
