

Datasheet for ABIN7554445

MIS18 Binding Protein 1 (MIS18BP1) (AA 1-1132) protein (His tag)



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Overview

Quantity:	1 mg
Target:	MIS18 Binding Protein 1 (MIS18BP1)
Protein Characteristics:	AA 1-1132
Origin:	Human
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:	MIATPLKHSR IYLPPEASSQ RRNLPMDAIF FDSIPSGTLT PVKDLVKYQN SSLKLNDHKK NQFLKMTTFN NKNIFQSTML TEATTSNSSL DISAIKPNKD GLKNKANYES PGKIFLRMKE KVLDRDKQEQP SRNSSLLEPQ KSGNNETFTP NRVEKKKLQH TYLCEEKENN KSFQSDSSSL RASVQGVPLE SSNNDFILPV KQKIQCCQEK KAPLHNLTYE LPTLNQEQEN FLAVEARNKT LTRAQLAKQI FHSKESIVAT TSKSKDFTVL ESVDSEDEQF QNTNAETLST NCIPKNGSL LMVSDSERTT EGTSQQKVKE GNGKTVPGET GLPGSMKDTK KIVLATPRLH ITIPRRSKRN ISKLSPPRIF QTVTNGLKKN QVVQLQEWMI KSINNNTAIC VEGKLIDVTN IYWHNSNVIIE RIEHNKLRTI SGNVYILKGM IDQISMKEAG YPNYLIRKFM FGFPENWKEH IDNFLEQLRA GEKNREKTKQ KQKTGRSVRD IRKSMKNDAR ENQTDTAQRA TTTYDFDCDN LELKSNKHSE SPGATELNMC HSNCQNKPTL RFPDDQVNNT IQNGGGDDL NQELIGKKEY KMSSKKLKIG ERTNERIIKS QKQETTEELD VSIDILTSRE QFFSDEERKY MAINQKKAYI LVTPPKSRKV

IEQRCMRYNL SAGTIKAVTD FVIPECQKKS PISKSMGTLE NTFEGHKSKN KEDCDERDLL
TVNRKIKISN LEKEQMLTSD FKKNTRLLPK LKKIENQVAM SFYKHQSSPD LSSESETEK
EIKRKAIEVKK TKAGNTKEAV VHLRKSTRNT SNIPVILEPE TEESENEFYI KQKKARPSVK
ETLQKSGVRK EFPITEAVGS DKTNRHPLEC LPGLIQDKEW NEKELQKLHC AFASLPKHKP
GFWSEVAAAV GSRSPEECQR KYMENPRGKG SQKHVTKKKP ANSKGQNGKR GDADQKQTIK
ITAKVGTLLK KQQMREFLEQ LPKDDHDDFF STTPLQHQR ILLPSFQDSED DDDILPNMDK
NPTTPSSVIF PLVKTPQCQH VSPGMLGSIN RNDCKYVFR MQKYHKSNGG IVWGNIKKKL
VETDFSTPTP RRKTPFNLDL GENSGIGKLF TNAVESLDEE EKDYFFNSD SA **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.
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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) (HsKNL-2) (P243),FUNCTION: Required for recruitment of CENPA to centromeres and normal

Target Details

	chromosome segregation during mitosis. {ECO:0000269 PubMed:17199038, ECO:0000269 PubMed:17339379}.
Molecular Weight:	129.1 kDa
UniProt:	Q6P0N0
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