

Datasheet for ABIN7564698

## MCMBP Protein (AA 1-642) (His tag)



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### Overview

Quantity:	1 mg
Target:	MCMBP
Protein Characteristics:	AA 1-642
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCMBP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Mcmbp Protein expressed in mammalian cells.
Sequence:	<p>MPCGEDWLSH PLGIVQGFFA QNGVNPDEK KVIEYFKEKL KENNAPKWVP SLNEVPLHYL</p> <p>KPNSFVKFRC MIQDMFDEP YMGIVETVQ NTKARVLHFG KYRDVAECGP QQELDLSSPR</p> <p>STTSERQTFY CVPVPGESSW VKEAYVNAQ ARVSPSTSYT PSRHKRSYED DEDMDLQPSK</p> <p>QKEQHPGSRQ AGGLGGLHWC GEPKRLETEA SSGQQLNTLN LSSPFDLNF LPGEKGPACL</p> <p>VKVYEDWDCF KVNDVLELYG VLSVDPVLSV LNSEERDASA LLDPMECTDM AEEQRVHSP</p> <p>ASLVPRHVI LAQKLQHINP LLPTCLNKEE SRSCQFVSNF MSELSPVRAE LLGFLTHALL</p> <p>GDSLAAEYLI LHLISTVYTR RDVLPLGKFT VNLSGCPQNS TFTEHLYRII QHLVPASFRL</p> <p>QMTIENMNQL KLIPHKDYTA NRLVSGLLQL PNNTSLVIDE TLLEQGQLDT PGVHNVTALS</p> <p>NLITWQKVDY DFSYHQMEFP CNINVLITSE GRSLLPADCQ IHLQPQLIPP NMEEYMNGLL</p> <p>SAVLPSVLNK FRIYLTLLRF LDYNLSDDIT KAVEDDFVEM RKDDPQSITA DDLHQLLVVA</p> <p>RFLSLSVGQT TSLRERWLRA KQLELSRKAR LQQQKSVNGN EL <b>Sequence without tag. The</b></p>

**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:

MCMBP

### Alternative Name:

Mcmbp ([MCMBP Products](#))

### Background:

Mini-chromosome maintenance complex-binding protein (MCM-BP) (MCM-binding protein),FUNCTION: Associated component of the MCM complex that acts as a regulator of DNA replication. Binds to the MCM complex during late S phase and promotes the disassembly of the MCM complex from chromatin, thereby acting as a key regulator of pre-replication complex (pre-RC) unloading from replicated DNA. Can dissociate the MCM complex without addition of ATP, probably acts by destabilizing interactions of each individual subunits of the MCM complex. Required for sister chromatid cohesion (By similarity). {ECO:0000250}.

### Molecular Weight:

72.9 kDa

### UniProt:

[Q8R3C0](#)

## Target Details

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