

Datasheet for ABIN7563681  
**MBD6 Protein (AA 1-1003) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MBD6
Protein Characteristics:	AA 1-1003
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBD6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Mbd6 Protein expressed in mammalien cells.
Sequence:	<p>MNGDNASSAA DRAGGPAATP VPIPIGWQRC VREGAVYYIS PSGTELSSLE QTRSYLLSDG  TCKCGLECLP NVPKVFNFDP LAPVTPGGAG VGPASEEDMT KLCNHRRKAV AMATLYRSME  TTCSSHSPGE GASPQMFHTV SPGPPSVRPP CRAPPTTPLN GGPGSIPQDP PSVPQAFPPPL  TGPAGLFPPP RLPDPVPSAG SSSPCFLPRG NAPSPAPPPP PAISLNAPSY NWGASLRSNL  VPSDLGSPPA PHASSSPPSD SPLFHCS DAL TSPPLPPSNN PPGPPGPPGP ATQPPVSSAT  MHLPLVLGSL GGAPAVEGPG APPFLASSLL SAAAKAQLPP PSTLQGRRPR AQAPSAAHAS  PRPSQRRPRR PPTVLRLLLEG GGPQTPRRTR PRAPAPVPQP FPLPEPSQPI LPSVLSLLGL  PTPGPSHSDG SFNLLGSDAH LPPPPALSSG SPPQPRHPIQ PSLPGTTSGS LSSVPGAPAP  PAASKAPVVP SPVLQSPSDG LGMGAGPACP LPPLAGGEAF FFPSPSEQGLA LSGAGFPGML  GALPLPLSLG QPPSPFSLH SLFGVLAGGG QPPPEPLLPP PGGPGPPSAP GEPEGPSLLV  ASLLSPPPSD LLPPPSAPPS NLLASFLPLL ALGPTAGDGE GSAEGAGGPN GEPFSGLGDL</p>

## Product Details

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PLLFPPLSA PPTLIALNSA LLAASLDPPS GTPPQPCVLS APQPGPPTSS VTTATTDPGA  
SSLGKAPSNS GRPQLLSPLL SASLLGDLSS LASSPGALPS LLQPPGPLLS SQLGLQLLPG  
GGAPPALSEA SSPLACLLQS LQIPPEQPDA PCLPPESPAS ALEPEPARPP LSALAPPHAS  
PDPPVPELLT GRGSGKRGRR GGGGLRGING ETRPGRGRKP GSRREPGRLA LKWGTRGGFN  
GQMERSPRRT HHWQHNGELA EGGAEPKDPP LPGTHSEDLK VPPGIVRKS RRRRRKYNPA  
RNSSSRQDV TLEPSTTRA AVPLPPRARP GRPAKNKRRK LAP **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.**

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### 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

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### Grade:

custom-made

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## Target Details

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### Target:

MBD6

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### Alternative Name:

Mbd6 ([MBD6 Products](#))

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### Background:

Methyl-CpG-binding domain protein 6 (Methyl-CpG-binding protein MBD6),FUNCTION: Binds to heterochromatin. Does not interact with either methylated or unmethylated DNA (in vitro) (By similarity). {ECO:0000250}.

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### Molecular Weight:

101.0 kDa

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## Target Details

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UniProt: [Q3TY92](#)

Pathways: [Chromatin Binding](#)

## Application Details

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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

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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