

Datasheet for ABIN7562039
MBD5 Protein (AA 1-1498) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MBD5
Protein Characteristics:	AA 1-1498
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBD5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mbd5 Protein expressed in mammalien cells.
Sequence:	<p>MNGGKECDGG DKEGGLAAIQ VPVGWQRRVD HNGVLYISPS GSLLSCLDQV KTYLLTDGTC</p> <p>KCGLECLLIL PKVFNFDPGA AVKQRTAEDV KADDDVTKLC IHKRKIIAVA TLHQSMEAPH</p> <p>PSLVLTSPGG GTNATPVVPS RAATPRSVRN KSHEGITNSV MPECKNPFKL MTGSSNAMGR</p> <p>LYMQDLPGSQ QQELHPVYPR QRLGSSEHGQ KSPFRGSHGG LPSPASSGSQ IYGDGSISPR</p> <p>TDPLGSPDVF TRNNPGFHGA PNSSPIHLNR TPLSPPSVML HGSPVQSSCA MAGRTNIPLS</p> <p>PTLTTKSPVM KKPMCINFSTN MEIPRAMFHH KPPQGPPPPP PPSCALQKKP LTSEKDPLGI</p> <p>LDPIPSKPVN QNPIIINPTS FHSNVHSQVP VMNVSMPPAV VPLPSNLPLP TVKPGHMNHG</p> <p>SHVQRIQHS A STSLSPSPVT SPVHMMGTGI GRIEASPQRS RSSSTSSDHG NFMMPVGPQ</p> <p>ATCSGIKVPP RSPRSTIGSP RPSMPSSPST KSDGHHQYKD IPNPLIAGMS NVLNTPSSAA</p> <p>FPTAPAGNGS VKSQPGLLGM PLNQILNQHN AAFPASSLL SAAAKAQLAN QNKLAGNNSS</p> <p>SSNNSGAVAS SGNTEGHSTL NTMFPPTANM LLPTGEGQSG RAALRDKLMS QQKDSLKRK</p>

QPPTTVLSLL RQSQMDSSAA PKPGPDLLRK HGQGSFPISS MSQLLQSMSC QSSHLSNST
PGCGGSNTAL PCSANQLHFP DPNMNSTVLQ NSLTQSIPLR GEAVHCHNAN TNFVHSNSPV
PNHHLAHLIN QIQASGNCGM LSQSGMALGN SLHPNPPQSR ISTSSTPVIP NSIVSSYNQT
SSEAGGSSLP SSIAIAGSNH PAITKTTSVL QDGIVITTA GNPLQSQLPI GSDFPFVQGE
HALHFPSNST ANNHLPHPLN PSLSSLPIS LPVNQQHLLN QNLLNILQPS AGEGLDISSIN
NSLNNHQLTH LQSLNNSNQMFPPNQQPQQH LLQGHQNLQA FQGQPTVPCP ANNNPMACLF
QNFQVRMQGD AALLNKRIST QPGLTTLPEN PNLALPHFQD TPCELQPRID LGQPMKDGLV
MGGQGDASVD AIYKAVVDAA SKGMQVVITT AVNSTTQISP IPALSAMSAF TASIGDPLNL
SSAVSAVIHG RNMGGVDHDG RLRNARGARL PKNIDHGKNS SEGDFEFCFK SASCHTSRKQ
WDGEQSPRGE RNRWKYEEFL DHPGHIHSSP CHERPNNVST LPFLAGEQHP ILLPPRNCQG
DKILEENFRY NNYKRTMMSF KERLESTVER CTHINGNRPR QSRGFGELLG TAKQDLVLEG
QSPGSSNSLE SSLVKDYIHY NGDFNAKTIN GCVPSPSDAK SISEDLLRN PDSPSSHELI
HYRPRTFNVG DLVWGQIKGL TSWPGKFIRE DDVHNSCQQS PEEGKVEPEK LKLTLEGLEA
YSRVRKRSRK SGKLNNHLEA AIHEAMSELD KMSGTVHQIP QGDRQMRPPK PKRRKISR

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:	MBD5
Alternative Name:	Mbd5 (MBD5 Products)
Background:	Methyl-CpG-binding domain protein 5 (Methyl-CpG-binding protein MBD5),FUNCTION: Binds to heterochromatin. Does not interact with either methylated or unmethylated DNA (in vitro) (By similarity). {ECO:0000250}.
Molecular Weight:	160.3 kDa
UniProt:	B1AYB6
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