

Datasheet for ABIN7554504
MBD5 Protein (AA 1-1494) (His tag)



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Overview

Quantity:	1 mg
Target:	MBD5
Protein Characteristics:	AA 1-1494
Origin:	Human
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 DKEGGLPAIQ VPVGWQRRVD QNGVLYVSPS GSLLSCLEQV KTYLLTDGTC KCGLECLIL PKVFNFDPGA AVKQRTAEDV KADEDVTKLC IHKRKIIAVA TLHKSMEAPH PSLVLTSPGG GTNATPVVPS RAATPRSVRN KSHEGITNSV MPECKNPFKL MIGSSNAMGR LYVQELPGSQ QQELHPVYPR QRLGSSEHGQ KSPFRGSHGG LPSPASSGSQ IYGDGSISPR TDPLGSPDVF TRSNPGFHGA PNSSPIHLNR TPLSPPSVML HGSPVQSSCA MAGRTNIPLS PTLTTKSPVM KKPMCINFSTN MEIPRAMFHH KPPQGPPPPP PPSCALQKKP LTSEKDPLGI LDPIPSKPVN QNPVIINPTS FHSNVHSQVP MMNVSMPPAV VPLPSNLPLP TVKPGHMNHG SHVQRVQHSA STSLSPSPVT SPVHMMGTGI GRIEASPQRS RSSSTSSDHG NFMMPVGPQ ATSSGIKVPV RSPRSTIGSP RPSMPSSPST KSDGHHQYKD IPNPLIAGIS NVLNT PSSAA FPTASAGSSS VKSQPGLLGM PLNQILNQHN AAFPASSLL SAAAKAQLAN QNKLAGNNS SSNSGAVAG SGNTEGHSTL NTMFPPTANM LLPTGEGQSG RAALRDKLMS QQKDALRKRK</p>

QPPTTVLSLL RQSQMDSSAV PKPGPDLLRK QGQGSFPISS MSQLLQSMSC QSSHLSNST
PGCGASNTAL PCSANQLHFT DPSMNSSVLQ NIPLRGEAVH CHNANTNFVH SNSPVPNHHL
AGLINQIQAS GNCGMLSQSG MALGNSLHPN PPQSRISTSS TPVIPNSIVS SYNQTSSEAG
GSGPSSSIAI AGTNHPAITK TTSVLQDGVV VTTAAGNPLQ SQLPIGSDFP FVGQEHALHF
PSNSTSNHHL PHPLNPSLLS SLPISLPVNQ QHLLNQNLLN ILQPSAGEGD MSSINNTLSN
HQLTHLQSLN NNNQMFPPNQ QQQLLQGYQ NLQAFQQST IPCANNNPM ACLFQNFQVR
MQEDAALLNK RISTQPGLTA LPENNTTLP PFQDTPCELQ PRIDPSLGQQ VKDGLVWGGP
GDASVDAIYK AVVDAASKGM QVVITAVNS TTQISPIPAL SAMSAFTASI GDPLNLSSAV
SAVIHGRNMG GVDHDGRLRN SRGARLPKNL DHGKNVNEGD GFEYFKSASC HTSKKQWDGE
QSPRGERNRW KYEEFLDHPG HIHSSPCHEP PNNVSTLPFL PGEQHPILLP PRNCPGDKIL
EENFRYNNYK RTMMSFKERL ENTVERCAHI NGNRPRQSRG FGELLSTAKQ DLVLEEQSPS
SSNSLENSLV KDYIHYNGDF NAKSVNGCVP SPSDAKSISS EDDLRLPDSP SSNELIHYRP
RTFNVDLVW GQIKGLTSWP GKLREDDVH NSCQQSPEEG KVEPEKLT TLTEGLAYSRV
RKRNRKSGKL NNHLEAAIHE AMSELDKMSG TVHQIPQGDR QMRPPKPKRR KISR **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).
Molecular Weight:	159.9 kDa
UniProt:	Q9P267
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