

Datasheet for ABIN7564375
MTBP Protein (AA 1-894) (His tag)



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Overview

Quantity:	1 mg
Target:	MTBP
Protein Characteristics:	AA 1-894
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTBP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mtbp Protein expressed in mammalian cells.
Sequence:	<p>MDRYLLLVTW REGKFRSVAG GEIEPGTEAT SLESTDKQPD LTATNIYHLL KRSISDSIHP DDSTFPACSV GGTPHSRKWF FAVQAICGFY QFCSSDWQEI HFDAEKDKIE DVLQANIEEC QSAVECFEED DSNSRESLPL ADLYEESAEN LHQLSDKLPA PGRAMIDIIL LPSDKDPPKL KECLPIVGAL KHLKEWHSK VIIAGSYCEI NCQKIAEYLS ASVVPLEEFR NAIDPRELWR GEIQMRERKF GFEISFPEFC LKGVTPTNVS AYNLNTCFLA KKIASSKVFH YGPALEFVQ MIKLSDLPSC YMSDIEFELE VTGHCTRQNS MLLLEQISSL CGKVGALFVL PCTVSNVLIP PPSQLASRKW KEYMAKKPKT ISVPDVAVKG EFSGYHLLLQ GMGKRKCRAT LLHSASQING SFALSVIHGK MKTKAGEARP SFPDFSSLP RFSEEQVLQR EKQLASFQVL ALKECLKRRK AANQPEAFSA DELKSLLALT RERFLGHFDV LPTEAALAQT DTVKAAGVVN DDGTVEPYSS SLMETNPLEW PERHVLQNLE TSEKAKQKMR TGSLPRSSEQ LLGHKEGPRD SLTLDAKEL LKYFTSDGLP VGDLQPLHIQ RGEKPFVLTLP ELSPGKLQVL PFEKASECHY HGIEYCLDDQ KALERDGGFS ELQSRLIRYE TQTTCTRDSF PVPTVLSPLP SPAVLSEPPS VPEGEALQGE</p>

Product Details

LRTEVSGGLKR RSKDPSCLYP QKRLTRSESS DCLPSQASCN SNHHHHTGKP RKPQAERCVS
GLPLPGREAS KDTSKTSSGQ KRAHESKSSK QMKESRSQKH TRMLKEVVKD TLKRHHITEA
HESFTACSQR LFDISKFYLK DLKTSRGLFE EMKKTANNNV VQVIEWVVEK MSKK **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: MTBP

Alternative Name: Mtbp ([MTBP Products](#))

Background: Mdm2-binding protein (mMTBP),FUNCTION: May play a role in MDM2-dependent p53/TP53 homeostasis in unstressed cells. Inhibits autoubiquitination of MDM2, thereby enhancing MDM2 stability. This promotes MDM2-mediated ubiquitination of p53/TP53 and its subsequent degradation. Inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells. {ECO:0000269|PubMed:10906133, ECO:0000269|PubMed:15632057}.

Target Details

Molecular Weight: 100.3 kDa

UniProt: [Q8BJS8](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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