

Datasheet for ABIN7554639

MTBP Protein (AA 1-904) (His tag)[Go to Product page](#)

Overview

Quantity: 1 mg

Target: MTBP

Protein Characteristics: AA 1-904

Origin: Human

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: MDRYLLLVIV GEGKFPSAAS REAEHGPEVS SGEGTENQPD FTAANVYHLL KRSISASINP
EDSTFPACSV GGIPGSKKWF FAVQAIYGFY QFCSSDWQEI HFDTEKDIE DVLQTNIEEC
LGAVECFEEE DSNSRESLSL ADLYEEAAEN LHQLSDKLPA PGRAMVDIIL LLSDKDPPKL
KDYLPTVGAL KHLREWYSAK ITIAGNHCEI NCQKIAEYLS ANVVSLEDLR NVIDSKELWR
GKIQIWERKF GFEISFPEFC LKGVTLKNFS TSNLNTDFLA KKIIPSKDKN ILPKVFHYYG
PALEFVQMIK LSDLPSCYMS DIEFELGLTN STKQNSVLLL EQISSLCISKV GALFVLPCTI
SNILIPPNQ LSSRKWKEYI AKKPKTISVP DVEVKGECSS YVLLQNGN RRCKATLIHS
ANQINGSFAL NLIHGKMKTK TEEAKLSFPF DLLSLPHFSG EQIVQREKQL ANVQVLAL EE
CLKRRKLAQ PETVSAELK SLLVLTRKHF LDYFDAVIPK MILRKMDKIK TFNINLDFSP
VEPNSSSLME TNPLEWPERH VLQNLETFEK TKQKMRTGSL PHSSEQLLGH KEGPRDSITL
LDAKELLKYF TSDGLPIGDL QPLPIQKGEK TFVLTPELSP GKLQVLPFEK ASVCHYHGIE
YCLDDRKALE RDGGFSELQS RLIRYETQTT CTRESFPVPT VLSPLPSPVW SSDPGSVPDG

Product Details

EVLQNELRTE VSRLKRRSKD LNCLYPRKRL VKSESSESL L SQT TGNSNH Y HHHVTSRK PQ
TERSLPVTCP LVPIPSCE TP KLATKTSSGQ KSMHESKTSR QIKESRSQKH TRILKEVVTE
TLKKHSITET HECFTACSQR LFEISKFYLK DLKTSRGLFE EMKKTANNNA VQVIDWVLEK TSKK

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 (hMTBP),FUNCTION: Inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells (By similarity). 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. {ECO:0000250, ECO:0000269|PubMed:15632057}.

Target Details

Molecular Weight: 102.2 kDa

UniProt: [Q96DY7](#)

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