

Datasheet for ABIN7562628

Menin Protein (AA 1-611) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Menin (MEN1)
Protein Characteristics:	AA 1-611
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Menin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Men1 Protein expressed in mammalian cells.
Sequence:	MGLKAAQKTL FPLRSIDDVV RLFAAELGRE EPDLVLLSLV LGFVEHFLAV NRVIPTNVPE LTFQPSPAPD PPGGLTYFPV ADLSIIAALY ARFTAQIRGA VDLSLYPREG GVSSRELVKK VSDVIWNSLS RSYFKDRAHI QSLFSFITGT KLDSSGVAFA VVGACQALGL RDVHLALSED HAWVFGPNG EQTAEVTWHG KGNEDRRGQT VNAGVAERSW LYLKGSYMRC DRKMEVAFMV CAINPSIDLH TDSLELLQLQ QKLLWLLYDL GHLERYPMAL GNLADLEELE PTPGRPDPPLT LYHKGIASAK TTYQDEHIYP YMYLAGYHCR NRNVREALQA WADTATVIQD YNYCREDEEI YKEFFEVEDVIPNLLKEAA SLEETGEERT GEQAQGTQGG GSALQDPECF AHLLRFYDGI CKWEEGSPPT VLHVGWATFL VQSLGRFEGQ VRQKVHIVSR EAEAAEAEPP WGDEAREGRR RGPRRESKPE EPPPPKPPAL DKGPGSGQSA GSGPPRKTSG TVPGTTRGGQ EVGNAAQAPA PAASPPPEGP VLTFQSEKMK GMKELLVATK INSSAIKLQL TAQSQVQMKK QKVSTPSDYT LSFLKRQRKG L Sequence without tag. The proposed Purification-Tag is based on

Product Details

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:

Menin (MEN1)

Alternative Name:

Men1 ([MEN1 Products](#))

Background:

Menin,FUNCTION: Essential component of a MLL/SET1 histone methyltransferase (HMT) complex, a complex that specifically methylates 'Lys-4' of histone H3 (H3K4). Functions as a transcriptional regulator. Binds to the TERT promoter and represses telomerase expression. Plays a role in TGFB1-mediated inhibition of cell-proliferation, possibly regulating SMAD3 transcriptional activity. Represses JUND-mediated transcriptional activation on AP1 sites, as well as that mediated by NFKB subunit RELA. Positively regulates HOXC8 and HOXC6 gene expression (By similarity). May be involved in normal hematopoiesis through the activation of HOXA9 expression. May be involved in DNA repair. {ECO:0000250|UniProtKB:000255, ECO:0000269|PubMed:16415155}.

Molecular Weight:

67.5 kDa

Target Details

UniProt: [O88559](#)

Pathways: [Chromatin Binding, Positive Regulation of Endopeptidase Activity](#)

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
