

Datasheet for ABIN7562343

## MDM4-binding Protein Protein (AA 1-489) (His tag)



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### Overview

Quantity:	1 mg
Target:	MDM4-binding Protein (MDM4)
Protein Characteristics:	AA 1-489
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDM4-binding Protein protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Mdm4 Protein expressed in mammalien cells.
Sequence:	<p>MTSHSTSAQC SASDSACRIS SEQISQVRPK LQLLKILHAA GAQGEVFTMK EVMHYLGQYI            MVKQLYDQQE QHMYVYCGGDL LGDLLGCQSF SVKDPSPLYD MLRKNLVTSA SINTDAAQTL            ALAQDHTMDF PSQDRLKHGA TEYSNPRKRT EEEDHTLTPT SRHKCRDSRA DEDLIEHLSQ            DETSRLDLDF EEWDVAGLPW WFLGNLRNNC IPKSNGSTD L QTNQDIGTAI VSDTTDDLWF            LNETVSEQLG VGIKVEAANS EQTSEVGKTS NKKTVEVGKD DDLED SRSL S DDTDVLTSE            DEWQCTECKK FNPSKRYCF RCWALRKDWY SDCSKLTHSL STSNITAIPE KKDNEGIDVP            DCRRTISAPV VRPKDGYLKE EKPRFDPCNS VGFLDLAHSS ESQEI SSAR EQTDIFSEQK            AETESMEDFQ NVLKPCSLCE KRPRDGNIIH GKTSHLTTCF HCARRLKKS G ASCPACKKEI            QLVIKVFIA</p> <p><b>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.</b></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

Target:	MDM4-binding Protein (MDM4)
Alternative Name:	Mdm4 ( <a href="#">MDM4 Products</a> )
Background:	<p>Protein Mdm4 (Double minute 4 protein) (Mdm2-like p53-binding protein) (Protein Mdmx) (p53-binding protein Mdm4),FUNCTION: Inhibits p53/TP53- and TP73/p73-mediated cell cycle arrest and apoptosis by binding its transcriptional activation domain. Inhibits degradation of MDM2. Can reverse MDM2-targeted degradation of TP53 while maintaining suppression of TP53 transactivation and apoptotic functions. The short isoform is a more potent inhibitor of TP53 activity than the long isoform.</p>
Molecular Weight:	55.0 kDa
UniProt:	<a href="#">O35618</a>
Pathways:	<a href="#">Cell Division Cycle</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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