

Datasheet for ABIN7549390

MDM4-binding Protein Protein (AA 1-490) (His tag)



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Overview

Quantity:	1 mg
Target:	MDM4-binding Protein (MDM4)
Protein Characteristics:	AA 1-490
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDM4-binding Protein protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MDM4 Protein expressed in mammalian cells.
Sequence:	<p>MTSFSTSAQC STSDSACRIS PGQINQVRPK LPLLKILHAA GAQGEMFTVK EVMHYLGQYI MVKQLYDQQE QHMYCYGGDL LGELLGRQSF SVKDPSPLYD MLRKNLVTLA TATTDAAQTL ALAQDHSM DI PSQDQLKQSA EESSTSRKRT TEDDIPTLPT SEHKCIHSRE DEDLIENLAQ DETSRLDLGF EEWDVAGLPW WFLGNLRSNY TPRSNGSTD L QTNQDVGTAI VSDTTDDLWF LNESVSEQLG VGIKVEAADT EQTSEEVGKV SDKKVIEVGK NDDLEDSKSL SDDTDVEVTS EDEWQCTECK KFNPSKRYC FRCWALRKDW YSDCSKLTHS LSTSDITAIP EKENEENDVP DCRRTISAPV VRPKDAYIKK ENSKLFDP CN SVEFLDLAHS SESQETISSM GEQLDNLSEQ RTDTENMEDC QNLLKPCSLC EKRPRDGNII HGRTGHLVTC FHCARRLKKA GASCPICKKE IQLVIKVFIA</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

MDM4-binding Protein (MDM4)

Alternative Name:

MDM4 ([MDM4 Products](#))

Background:

Protein Mdm4 (Double minute 4 protein) (Mdm2-like p53-binding protein) (Protein Mdmx) (p53-binding protein Mdm4),FUNCTION: Along with MDM2, contributes to TP53 regulation (PubMed:32300648). 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. {ECO:0000269|PubMed:16163388, ECO:0000269|PubMed:16511572, ECO:0000269|PubMed:32300648}.

Molecular Weight:

54.9 kDa

UniProt:

[O15151](#)

Pathways:

[Cell Division Cycle](#)

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