

Datasheet for ABIN7554493  
**MED1 Protein (AA 1-1581) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MED1
Protein Characteristics:	AA 1-1581
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat MED1 Protein expressed in mammalien cells.
Sequence:	MKAQGETEES EKLSKMSSLL ERLHAKFNQN RPWSETIKLV RQVMEKRVVM SSGGHQHLVS CLETLQKALK VTSLPAMTDR LESIARQNGL GSHLSASGTE CYITSDMFYV EVQLDPAGQL CDVKVAHHGE NPVSCPELVQ QLREKNFDEF SKHLKGLVNL YNLPGDNKLNK TKMYLALQSL EQDLSKMAIM YWKATNAGPL DKILHGSGVGY LTPRSGGHLM NLKYYVSPSD LLDDKTASPI ILHENNVSRSLGMNASVTIE GTSAVYKLPI APLIMGSHPV DNKWTPSFSS ITSANSVDLP ACFFLKFPQP IPVSRFVQK LQNCTGIPLF ETQPTYAPLY ELITQFELSK DPDPIPLNHN MRFYAALPGQ QHCYFLNKDA PLPDGRSLQG TLVSKITFQH PGRVPLILNL IRHQVAYNTL IGSCVKRIL KEDSPGLLQF EVCPLSESRF SVSFQHPVND SLVCVVMVQV DSTHVSCCKLY KGLSDALICT DDFIAKVVQR CMSIPVTMRA IRRKAETIQA DTPALSLIAE TVEDMVKKNL PPASSPGYGM TTGNNPMSGT TPTNTFFPGG PITTLFNMSM SIKDRHESVG HGEDFSKVSQ NPILTSLQLI TGNGGSTIGS SPTPPHHTPP PVSSMAGNTK NHPMLMNLK DNPAQDFSTL

YGSSPLERQN SSSGSPRMEI CSGSNKTKKK KSSRLPPEKP KHQTEDDFQR ELFSMDVDSQ  
NPIFDVNMTA DTLDTPHITP APSQCSTPPT TYPQVPHQ PSIQRMVRLS SSDSIGPDVT  
DILSDIAEEA SKLPSTSDDC PAIGTPLRDS SSSGHSQSTL FSDSVFQTNN NENPYTDPAD  
LIADAAGSPS SDSPTNHFFH DGVDNPDLL NSQSQSGFGE EYFDESSQSG DNDDFKGFAS  
QALNTLGVPM LGGDNGETKF KGNNQADTV DFSIISVAGKA LAPADLMEHH SGSQGPLLTT  
GDLGKEKTQK RVKEGNGTSN STLSGPGLDS KPGKRSRTPS NDGKSKDKPP KRKKADTEGK  
SPSHSSSNRP FTPPTSTGGS KSPGSAGRSQ TPPGVATPPI PKITIQIPKG TVMVGKPSHH  
SQYTSSGSVS SSGSKSHSHH SSSSSSSAST SGKMKSSKSE GSSSSKLSSS MYSSQGSSGS  
SQSKNSSQSG GPKGSSPITK HGLSSGSSST KMKPQGKPS LMNPSLSKPN ISPSHSRPPG  
GSDKLASPMK PVPGTTPSSK AKSPISSGSG GSHMSGTSSS SGMKSSSGLG SSGSLSQKTP  
PSSNSCTASS SSFSSSGSSM SSSQNQHGS KKGKSPSRNKK PSLTAVIDKL KHGVVTS GPG  
GEDPLDGQMG VSTNSSSHPM SSKHNMSGGE FQGKREKSDK DKSKVSTSGS SVDSSKKTSE  
SKNVGSTGVA KIIISKHDGG SPSIKAKVTL QKPGESSGEG LRPQMASSKN YGSPLISGST  
PKHERGSPSH SKSPAYTPQN LDSESESGSS IAEKSYQNSP SSDDGIRPLP EYSTEKHKKH  
KKEKKKVKDK DRDRDRDKDR DKKKSHSIKP ESWSKSPISS DQSLSMSTNT ILSADRPSRL  
SPDFMIGEED DDLMDVALIG N **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.**

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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.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

## Target Details

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Target:	MED1
Alternative Name:	MED1 ( <a href="#">MED1 Products</a> )
Background:	<p>Mediator of RNA polymerase II transcription subunit 1 (Activator-recruited cofactor 205 kDa component) (ARC205) (Mediator complex subunit 1) (Peroxisome proliferator-activated receptor-binding protein) (PBP) (PPAR-binding protein) (Thyroid hormone receptor-associated protein complex 220 kDa component) (Trap220) (Thyroid receptor-interacting protein 2) (TR-interacting protein 2) (TRIP-2) (Vitamin D receptor-interacting protein complex component DRIP205) (p53 regulatory protein RB18A),FUNCTION: Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors (PubMed:10406464, PubMed:11867769, PubMed:12037571, PubMed:12218053, PubMed:12556447, PubMed:14636573, PubMed:15340084, PubMed:15471764, PubMed:15989967, PubMed:16574658, PubMed:9653119). Acts as a coactivator for GATA1-mediated transcriptional activation during erythroid differentiation of K562 erythroleukemia cells (PubMed:24245781). {ECO:0000269 PubMed:10406464, ECO:0000269 PubMed:11867769, ECO:0000269 PubMed:12037571, ECO:0000269 PubMed:12218053, ECO:0000269 PubMed:12556447, ECO:0000269 PubMed:14636573, ECO:0000269 PubMed:15340084, ECO:0000269 PubMed:15471764, ECO:0000269 PubMed:15989967, ECO:0000269 PubMed:16574658, ECO:0000269 PubMed:24245781, ECO:0000269 PubMed:9653119}.</p>

Molecular Weight:	168.5 kDa
UniProt:	<a href="#">Q15648</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Chromatin Binding</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

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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
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## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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