

Datasheet for ABIN7564131  
**MED16 Protein (AA 1-828) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MED16
Protein Characteristics:	AA 1-828
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED16 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Med16 Protein expressed in mammalian cells.
Sequence:	<p>MDLAYVCEWE KWAKSTYCPS LPLACAWSCR NLIAFTTDLR NDDQDLTHMI HILDTEHPWE</p> <p>VHSVSSGHSE AITCLEWDQS GSRLLSADAD GQIKCWSMAD HLANSWESSV GSQVEGDPIV</p> <p>ALSWLHNGVK LALHVEKSGA SSFGEKFSRV KFSPSLTLFG GKPMEGWIAV TVSGLVTVSL</p> <p>LKPSGQVLTS TESLCRLRGR VALADIAFTG GGNIVVAAAD GSSASPVKFY KVCVSVVSEK</p> <p>CRIDTEILPS LFMRCTTDPN RKDRFPAITH LKFLARDMSE QVLLCASSQT SSLVECWSLR</p> <p>KEGLPVNNIF QQISPVVGDK QPMILKWRL SATNDLDRVS AVALPKLPIS LTNTDLKVAS</p> <p>DTQFYPLGL ALAFQDGSVH MVHRLSLQTM AVFYSSAPRS LDEPAKRPRT TTCPAVHFKA</p> <p>MQLSWTSLAL VGIDNHGKLS MLRISPSLGH PLEPKLALQH LLFLLEYCMV TGYDWWDILL</p> <p>HVQPGMVQSL VERLHEEYTR QKPALQQVLS TRILAMKASL CKLSPCTVAR VCDYHTKLFL</p> <p>MAITSTLKSL LRPFLNTPD KSPGDRLEI CAKITDVDID KVMINLKTEE FVLDMNTLQA</p> <p>LQQLQWVGDFVLYLLVSLP NQGSPLRPGH SFLRDGTSLG MLRELMVVIR IWGLLKPSCL</p>

PVYTATSDTQ DSMSLLFRL TLWICCRDE GAASEPDEGL VDECCLLP SQ LLV PNL DWLP  
ASDGLVSR LQ PKQPLRLRFG RAPTLPSS TS TLQDGLTRA PGQPKIDHLR RLHLGAYPTE  
ECKACTRCGC VTMLKSPNKT TAVTQWEQRW IKNCLCGGLW RRVPLSCS **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.**

Characteristics:	<p>Key Benefits:</p> <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
Grade:	custom-made

Target Details

Target:	MED16
Alternative Name:	Med16 ( <a href="#">MED16 Products</a> )
Background:	Mediator of RNA polymerase II transcription subunit 16 (Mediator complex subunit 16) (Thyroid hormone receptor-associated protein 5) (Thyroid hormone receptor-associated protein complex 95 kDa component) (Trap95) (Vitamin D3 receptor-interacting protein complex 92 kDa component) (DRIP92),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

## Target Details

	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 (By similarity). {ECO:0000250}.
Molecular Weight:	91.8 kDa
UniProt:	<a href="#">Q6PGF3</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## 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