

Datasheet for ABIN7554532

MED23 Protein (AA 1-1368) (His tag)



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Overview

Quantity:	1 mg
Target:	MED23
Protein Characteristics:	AA 1-1368
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED23 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MED23 Protein expressed in mammalian cells.
Sequence:	<p>METQLQSIFE EVVKTEVIEE AFPGMFMDTP EDEKTKLISC LGAFRQFWGG LSQESHEQCI</p> <p>QWIVKFIHGQ HSPKRISFLY DCLAMAVETG LLPRLVCES LINSDTLEWE RTQLWALTFK</p> <p>LVRKIIGGVD YKGV RDLLKV ILEKILTIPN TVSSAVVQQL LAAREVIAYI LERNACLLPA YFAVTEIRKL</p> <p>YPEGKLPHWL LGNLVSDFVD TFRPTARINS ICGRCSLLPV VNNSGAICNS WKLPATLRF</p> <p>PLKGLLPYDK DLFEPQTALL RYVLEQPYSR DMVCNMLGLN KQHKQRCPVL EDQLVDLVVY</p> <p>AMERSETEEK FDDGGTSQLL WQHLSSQLIF FVLFQFASFP HMLVSLHQKL AGRGLIKGRD</p> <p>HLMWVLLQFI SGSIQKNALA DFLPVMKLF D LLYPEKEYIP VPDINKPQST HAFAMTCIWI</p> <p>HLNRKAQNDN SKLQIPIPHS LRLHHEFLQQ SLRNKSLQMN DYKIALLCNA YSTNSECF TL</p> <p>PMGALVETIY GNGIMRIPLP GTNCMASGSI TPLPMNLLDS LTVHAKMSLI HSIATRVIKL</p> <p>AHAKSSVALA PALVETYSRL LVYMEIESLG IKGFIQQLLP TVFKSHAWGI LHTLLEMFSY</p> <p>RMHHIQPHYR VQLLSHLHTL AAVAQTNQNN LHLCEVESTAL RLITALGSSE VQPQFTRFLS</p>

DPKTVLSAES EELNRLILT LARATHVTDF FTGSDSIQGT WCKDILQTIM SFTPHNWASH
TLSCFPGPLQ AFFKQNNVPQ ESRFNLKKNV EEEYRKWKSM SNENDIITHF SMQGSPPPLFL
CLLWKMLLET DHINQIGYRV LERIGARALV AHVRTFADFL VYEFSTSAGG QQLNKCIEIL
NDMVWKYNIV TLDRLILCLA MRSHEGNEAQ VCYFIIQLLL LKPNDFRNRV SDFVKENSPE
HWLQNDWHTK HMNYHKKYPE KLYFEGLAEQ VDPPVQIQSP YLPIYFGNVC LRFLPVFDIV
IHRFLELLPV SKSLETLLDH LGGLYKFHDR PVTYLYNTLH YYEMHLRDRA FLKRKLVHAI
IGSLKDNRPQ GWCLSDTYLK CAMNAREENP WVPDDTYYCR LIGRLVDTMA GKSPGPFPPNC
DWRFNEFPNP AAHALHVTCV ELMALAVSGK EVGNALLNVV LKSQPLVPRE NITAWMNAIG
LIITALPEPY WIVLHDRIVS VISSPSLTSE TEWVGYPFRL FDFTACHQSY SEMSCSYTLA
LAHAVWHHSS IGQLSLIPKF LTEVLLPIVK TEFQLLYVYH LVGPFLQRFQ QERTRCMIEI
GVAFYDMLLN VDQCSTHLNY MDPICDFLYH MKYMTGDSV KEQVEKIICN LKPALKLRLR
FITHISKMEP AAVPPQAMNS GSPAPQSNQV PVSLPVTQ **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">• 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). <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:	MED23
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Target Details

Alternative Name:	MED23 (MED23 Products)
Background:	<p>Mediator of RNA polymerase II transcription subunit 23 (Activator-recruited cofactor 130 kDa component) (ARC130) (Cofactor required for Sp1 transcriptional activation subunit 3) (CRSP complex subunit 3) (Mediator complex subunit 23) (Protein sur-2 homolog) (hSur-2) (Transcriptional coactivator CRSP130) (Vitamin D3 receptor-interacting protein complex 130 kDa component) (DRIP130),FUNCTION: Required for transcriptional activation subsequent to the assembly of the pre-initiation complex (By similarity). 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 pre-initiation complex with RNA polymerase II and the general transcription factors. Required for transcriptional activation by adenovirus E1A protein. Required for ELK1-dependent transcriptional activation in response to activated Ras signaling. {ECO:0000250, ECO:0000269 PubMed:10353252, ECO:0000269 PubMed:14759369, ECO:0000269 PubMed:16595664}.</p>
Molecular Weight:	156.5 kDa
UniProt:	Q9ULK4
Pathways:	Regulation of Lipid Metabolism by PPARalpha

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.

Handling

Expiry Date: 12 months