

Datasheet for ABIN7564884

## MED24 Protein (AA 1-987) (His tag)



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### Overview

Quantity:	1 mg
Target:	MED24
Protein Characteristics:	AA 1-987
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED24 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Med24 Protein expressed in mammalian cells.
Sequence:	<p>MKVVNLIKQAI LQAWKERWSD YQWAINMKKF FPKGATWDIL NLAEALLEQA MIGPSPNPLI</p> <p>LSYLKYAISS QMVSCSSVLT AISKFDDFSRLCLVQALLDI MDMFCDRISC HGKAEECIGL</p> <p>CRALLSALHW LLRCTAASAE RLQEGLEAGT PAPGEKQLAL CLQCLEKTLSTKNRALLHI</p> <p>AKLEEASSWT AIEHSLKLG EILANLSNPQ LRSQAERCGT LIRSIPSMLS VHSEQLHKTG</p> <p>FPTIHALILL EGTMNLTGEM QPLVEQLMMV KRMQHIPTPL FVLEIWKACF VGLIESPEGT</p> <p>QELKWTAFTY LKIPQVLVKL KKYFHGEKDF TEDVNCAFEF LLKLTPLLDK ADQRCNCDCDCT</p> <p>NFLLQECNKQ GLLSEVNFAS LVGKRTADRD PQLKSSSEAN IQPNPGLILR AEPTVTNLIK</p> <p>TMDADHSKSP ELLGLVLGHM LSGKSLDLLL AAAAATGKLK SFARKFINLN EFTTHGSGES</p> <p>TKTASVRALL FDISFLMLCH VAQTYGSEVI LSESSSGEEV PFFETWMQTC MPPEGKILNP</p> <p>DHPCFRPDST KVESLVALLN NSSEMMLVQM KWHEACLSIS AAILEILNAW ENGLAFESI</p> <p>QKITDNIKGK VCSLAVCAVA WLVAHVRLMG LDEREKSLQM IRQLAGPLYS ENTLQFYNER</p>

VVIMNSILEH MCADVLQQTATQIKFPSTGV DTMPYWNLLPKRPIKEVLT DIFAKVLEKG  
WVDSRSIHILDTLLHMGGVY WFCNNLIKEL LKETRKEHTL RAVQLLYSIF CLDMQQVTLV  
LLGHILPGLLTDSSKWHSLMDPPGTALAKL AVWCALSSYS SHKGQASSRQ KKRHREDIED  
YVSLFPVEDMQPSKLMRLLSSDDANILS SPTDRSMNSS LSASQLHTVN MRDPLNRVLA  
NLFLLISSILGSRTAGPHTQ FVQWFMEECV GCLEQDSRGS ILQFMPFTTV SELVKVSAMS  
SPKVVLAITDSLPLGRQVA AKAIAAL

**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
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Grade:	custom-made
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Target Details

Target:	MED24
Alternative Name:	Med24 ( <a href="#">MED24 Products</a> )
Background:	Mediator of RNA polymerase II transcription subunit 24 (Mediator complex subunit 24) (Thyroid hormone receptor-associated protein 4) (Thyroid hormone receptor-associated protein complex 100 kDa component) (Trap100) (mTRAP100),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

## Target Details

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 (By similarity). Required for basal and activator-dependent transcription. {ECO:0000250, ECO:0000269|PubMed:10406464, ECO:0000269|PubMed:12093747}.

Molecular Weight: 110.0 kDa

UniProt: [Q99K74](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Nuclear Hormone Receptor Binding](#), [Stem Cell Maintenance](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Positive Regulation of Endopeptidase Activity](#)

## 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