

Datasheet for ABIN7564728

MED17 Protein (AA 1-649) (His tag)



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Overview

Quantity:	1 mg
Target:	MED17
Protein Characteristics:	AA 1-649
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED17 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Med17 Protein expressed in mammalian cells.
Sequence:	<p>MSGVRAVRIS IESACEKQVQ EVGLDGTETY LQPLSMSQNL ARLAQRIDFS QGSGSEEEEA</p> <p>AGPDGDAPDW GGAGADQDDE EGLVKFQPSL WPWDSVRNNL RSALTEMCVL YDVLISVRDK</p> <p>KFMTLDPVSQ DALPPKQSPQ TLQLISKKKS LAGAAQILLK GAERLTKSVA ENQENKLQRD</p> <p>FNSELLRLRQ HWKLRKVGDK ILGDLYSRSA GSLFPHHGTF EVIKNTDIDL DKKIPEDYCP</p> <p>LDVQIPSDLE GSAYIKVSIQ KQAPDIGDLG TVNLFKRPLP KSKPGSPHWQ TKLEAAQNVL</p> <p>LCKEIFAQLS REAVQIKSQI PHIVVKNQII SQPFPSLQLS ISLCHSSDDK KSQKCAAKEP</p> <p>GQEDHLYVLE HNLHLLIREF HKQTLSSIVM PHPASAPFGH KRMRLSGPQA FDKNEINSIQ</p> <p>STEGLLEKII KQAKHIFLRS RTAATIDSLA SRIEDPQIQA HWSNINDVYE SSVKVLITSQ GYEQICKSIQ</p> <p>LQLNIGVEQV RVVHRDGRVI MLSHQEQLQ DFLLSQMSQH QVHAVQQLAK VMGWQVLSFS</p> <p>NHVGLGPIES IGNASAITVA SPSGDYAISV RNGPESGSKI MVQFPRNQCK DLPKSDVLQD</p> <p>SKWSHLRGPF KEVQWNKMEG RNFVYKMELL MSALSPCLL Sequence without tag. The</p>

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

Target Details

Target:	MED17
Alternative Name:	Med17 (MED17 Products)
Background:	<p>Mediator of RNA polymerase II transcription subunit 17 (Cofactor required for Sp1 transcriptional activation subunit 6) (CRSP complex subunit 6) (Mediator complex subunit 17) (Thyroid hormone receptor-associated protein complex 80 kDa component),FUNCTION:</p> <p>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 (By similarity). {ECO:0000250}.</p>
Molecular Weight:	72.5 kDa

Target Details

UniProt:	Q8VCD5
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Stem Cell Maintenance , 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.
Expiry Date:	12 months