

Datasheet for ABIN7549302

MED6 Protein (AA 1-246) (His tag)



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Overview

Quantity:	1 mg
Target:	MED6
Protein Characteristics:	AA 1-246
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MED6 Protein expressed in mammalian cells.
Sequence:	<p>MAAVDIRDNL LGISWVDSSW IPILNSGSVL DYFSERSNPF YDRTCNEEVV KMQRLTLEHL</p> <p>NQMGIEYIL LHAQEPILFI IRKQQRQSPA QVIPLADYYI IAGVIYQAPD LGSVINSRVL TAVHGIQSAF</p> <p>DEAMSYCRYH PSKGYWWHFK DHEEQDKVRP KAKRKEEPSS IFQRQRVDAL LLDLRQKFPP</p> <p>KFVQLKPGEK PVPVDQTKKE AEPIPETVKP EEKETTKNVQ QTVSAKGPPE KRMRLQ 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.</p>
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

Product Details

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.

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

Grade: custom-made

Target Details

Target: MED6

Alternative Name: MED6 ([MED6 Products](#))

Background: Mediator of RNA polymerase II transcription subunit 6 (Activator-recruited cofactor 33 kDa component) (ARC33) (Mediator complex subunit 6) (hMed6) (Renal carcinoma antigen NY-REN-28),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.
{ECO:0000269|PubMed:16595664}.

Molecular Weight: 28.4 kDa

UniProt: [O75586](#)

Pathways: [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

Application Details

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