

Datasheet for ABIN7554508
MED15 Protein (AA 1-788) (His tag)



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Overview

Quantity:	1 mg
Target:	MED15
Protein Characteristics:	AA 1-788
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED15 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MED15 Protein expressed in mammalian cells.
Sequence:	<p>MDVSGQETDW RSTAFRQKLV SQIEDAMRKA GVAHSKSSKD MESHVFLKAK TRDEYLSLVA RLIIHFRDIH NKKSQASVSD PMNALQSLTG GPAAGAAGIG MPPRGPQSL GGMGSLGAMG QPMSLSGQPP PGTSGMAPHS MAVVSTATPQ TQLQLQQVAL QQQQQQQQFQ QQQAALQQQ QQQQQQQQFQ AQSAMQQQF QAVVQQQQQL QQQQQQQQHL IKLHHQNQQQ IQQQQQQLQR IAQLQLQQQQ QQQQQQQQQQ QQALQAQPPQ QPPMQQPQP PPSQALPQQL QQMHTQHQQ PPPQPQPPV AQNQPSQLPP QSQTQPLVSQ AQALPGQMLY TQPPLKFVRA PMVVQPPVQ PQVQQQTAV QTAQAQMVA PGVQMITEAL AQGGMHIRAR FPPTTAVSAI PSSSIPLGRQ PMAQVSQSSL PMLSSPSGQ QVQTPQSMPP PPQPSPQPGQ PSSQPNSNVS SGPAPSPSSF LPSPSPQSQ SPVTARTPQN FSVPSGPLN TPVNPSSVMS PAGSSQAEQ QYLDKQKLS KYIEPLRRMI NKIDKNEDRK KDLSKMKSLD DILTDPSKRC PLKTLQKCEI ALEKLNKDMA VPTPPPPVPTKQYLCQP LLDVLANIR SPVFNHSLYR TFVPAMTAIH GPPITAPVVC</p>

Product Details

TRKRRLEDDE RQSIPSVLQG EVARLDPKFL VNLDPHCSN NGTVHLICKL DDKDLPSVPP
LELSVPADYP AQSPLWIDRQ WQYDANPFLQ SVHRCMTSRL LQLPDKHSVT ALLNTWAQSV
HQACLSAA **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:

Key Benefits:

- 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).

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:

MED15

Alternative Name:

MED15 ([MED15 Products](#))

Background:

Mediator of RNA polymerase II transcription subunit 15 (Activator-recruited cofactor 105 kDa component) (ARC105) (CTG repeat protein 7a) (Mediator complex subunit 15) (Positive cofactor 2 glutamine/Q-rich-associated protein) (PC2 glutamine/Q-rich-associated protein) (TPA-inducible gene 1 protein) (TIG-1) (Trinucleotide repeat-containing gene 7 protein),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

Target Details

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. Required for cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway.

{ECO:0000269|PubMed:12167862, ECO:0000269|PubMed:16630888, ECO:0000269|PubMed:16799563}.

Molecular Weight: 86.8 kDa

UniProt: [Q96RN5](#)

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 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