

Datasheet for ABIN7554558
MED25 Protein (AA 1-747) (His tag)



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Overview

Quantity:	1 mg
Target:	MED25
Protein Characteristics:	AA 1-747
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MED25 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MED25 Protein expressed in mammalien cells.
Sequence:	<p>MVPGSEGPARGSVVADVVFVIEGTANLGPYFEGLRKHLYLPAIEYFNGGPPAETDFGGD YGGTQYSLVV FNTVDCAPES YVQCHAPTSS AYEFVTWLDG IKFMGGGGES CSLIAEGLST ALQLFDDFKK MREQIGQTHR VCLLICNSPP YLLPAVESTT YSGCTTENLV QQIGERGIHF SIVSPRKLPA LRLLEKAAP PALLEPLQPP TDVSQDPRHM VLVRGLVLPV GGGAPGLQ SKQPVPLPPA APSGATLSAA PQQPLPPVPP QYQVPGNLSA AQVAAQNAVE AAKNQKAGLG PRFSPITPLQ QAAPGVGPPF SQAPAPQLPP GPPGAPKPPP ASQPSLVSTV APGSLAPTA QPGAPSMAGT VAPGGVSGPS PAQLGAPALG GQQSVSNKLL AWSGVLEWQE KPKPASVDAN TKLTRSLPCQ VYVNHGENLK TEQWPQKLIM QLIPQQLTT LGPLFRNSRM VQFHFTNKDL ESLKGLYRIM GNGFAGCVHF PHTAPCEVRV LMLLYSSKKK IFMGLIPYDQ SGFVNGIRQV ITNHKQVQQQ KLEQQQRGMG GQQAPPGLGP ILEDQARPSQ NLLQLRPPQP QPQGTVGASG ATGQPQPQGT AQPPPAPQG PPGAASGPPP PGPILRPQNP GANPQLRSLN LNPPPPQTGV</p>

Product Details

PPPQASLHHL QPPGAPALLP PPHQQLGQPQ LGPPLLHPPP AQSWPAQLPP RAPLPGQMLL
SGGPRGPVPQ PGLQPSVMED DILMDLI **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:

MED25

Alternative Name:

MED25 ([MED25 Products](#))

Background:

Mediator of RNA polymerase II transcription subunit 25 (Activator interaction domain-containing protein 1) (Activator-recruited cofactor 92 kDa component) (ARC92) (Mediator complex subunit 25) (p78),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. Required for RARA/RXRA-mediated transcription. {ECO:0000269|PubMed:14657022,

Target Details

ECO:0000269|PubMed:14983011, ECO:0000269|PubMed:17641689}.

Molecular Weight: 78.2 kDa

UniProt: [Q71SY5](#)

Pathways: [Nuclear Hormone Receptor Binding](#), [Chromatin Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Production of Molecular Mediator of Immune Response](#)

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
