

# Recombinant human MED4 protein

Catalog Number: ATGP0552

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-270aa

### UniProt No.

Q9NPJ6

### NCBI Accession No.

AAH05189

### Alternative Names

Mediator complex subunit 4, ARC36, DRIP36, VDRIP, Mediator complex subunit 4 Activator-recruited cofactor 36 kDa component, HSPC126, Mediator of RNA polymerase II transcription subunit 4, TRAP/SMCC/PC2 subunit p36 subunit, Vitamin D3 receptor-interacting protein complex 36 kDa component.

## PRODUCT SPECIFICATION

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### Molecular Weight

30.7 kDa (278aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT, 100mM NaCl

### Purity

> 80% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Mediator complex subunit 4 (MED4) is also known as mediator of RNA polymerase II transcription subunit 4 or vitamin D3 receptor-interacting protein complex 36 kDa component (DRIP36). This protein is a component of the vitamin D receptor-interacting protein (DRIP) complex which functions as a nuclear receptor coactivator. The DRIP complex is capable of activating nuclear receptors in a ligand-dependent manner. Recombinant human

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MED4, fused to His-tag at C-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

## Amino acid Sequence

MAASSSGEKE KERLGGGLGV AGGNSTRERL LSALEDLEVL SRELIEMLAI SRNQKLLQAG EENQVLELLI HRDGEFQELM  
KLALNQGKIH HEMQVLEKEV EKRDGDIQQL QKQLKEAEQI LATAVYQAKE KLKSIEKARK GAISSEIHK YAHRIASNA  
VCAPLTWVPG DPRRPYPTDL EMRSGLLGQM NNPSTNGVNG HLPGDALAAG RLPDVLAPQY PWQSNMDSMN  
MLPPNHSSDF LLEPPGHNKE DEDDVEIMST DSSSSSSSED <LEHHHHHH>

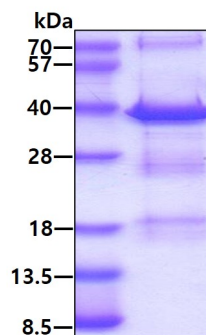
## General References

Rachez C., et al. (1999) *Nature* 398 (6730): 824-8.

Panierakis C., et al. (2009) *Int J Infect Dis.*13 (6):e437-43.

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.