

# Recombinant Human Mediator Complex Subunit 4, His-tagged

**Cat. No.** MED4-2406H    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant human MED4, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques, 30.7kDa (278aa).                                                                                                                                                                                                                                                              |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>              | 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. |
| <b>Form</b>                     | Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol,1mM DTT, 100mM NaCl.                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>                   | > 80% by SDS – PAGE.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>            | 0.5 mg/ml (determined by Bradford assay).                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Sequences Of Amino Acids</b> | MAASSSGEKE KERLGGGLGV AGGNSTRERL LSALEDLEVL SRELIEMLA<br>SRNQKLLQAG EENQVLELLI HRDGEFQELM KLALNQGKIH HEMQVLEKEV<br>EKRDGDIQQL QKQLKEAEQI LATAVYQAKE KLKSIEKARK GAISSEIIK<br>YAHRIASNA VCAPLTWVPG DPRRPYPTDL EMRSGLLGQM NNPSTNGVNG                                                                                                                                                                                           |

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HLPGDALAAG RLPDVLAPQY PWQSNDSMSN MLPPNHSSDF LLEPPGHNKE  
DEDDVEIMST DSSSSSESSED LEHHHHHH.

**Storage**

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**GENE INFORMATION**
**Gene Name**

[MED4 mediator complex subunit 4 \[ Homo sapiens \]](#)

**Synonyms**

mediator complex subunit 4; VDRIP; DRIP36; TRAP36; HSPC126; FLJ10956; RP11-90M2.2; MED4; mediator of RNA polymerase II transcription subunit 4; ARC36; p36 TRAP/SMCC/PC2 subunit; TRAP/SMCC/PC2 subunit p36 subunit; vitamin D receptor interacting protein; activator-recruited cofactor 36 kDa component; mediator of RNA polymerase II transcription, subunit 4 homolog; vitamin D3 receptor-interacting protein complex 36 kDa component ;mediator of RNA polymerase II transcription, subunit 4 homolog (S. cerevisiae); Activator-recruited cofactor 36 kDa component; Vitamin D3 receptor-interacting protein complex 36 kDa component

**Gene ID**

[29079](#)

**mRNA Refseq**

[NM\\_014166](#)

**Protein Refseq**

[NP\\_054885](#)

**MIM**

[605718](#)

**UniProt ID**

[Q9NPJ6](#)

**Chromosome  
Location**

13q14.2

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| Pathway  | Gene Expression                                                                                                                                                                                                                                                                              |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function | RNA polymerase II transcription mediator activity; ligand-dependent nuclear receptor transcription coactivator activity; protein binding; receptor activity; thyroid hormone receptor binding; transcription activator activity; transcription cofactor activity; vitamin D receptor binding |

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