

Recombinant Human Mediator Complex Subunit 4, His-tagged

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	E.coli
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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT, 100mM NaCl.
Purity	> 80% by SDS – PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MAASSSGEKE KERLGGGLGV AGGNSTRERL LSALEDLEVL SRELIEMLAISRNQKLLQAG EENQVLELLI HRDGEFQELM KLALNQGKIH HEMQVLEKEV EKRGDGIQQL QKQLKEAEQI LATAVYQAKE KLKSIEKARK GAISSEEIIK YAHRISASNA VCAPLTWVPG DPRRPYPTDL EMRSGLLGQM NNPSTNGVNG

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HLPGDALAAG RLPDVLAPQY PWQSNDSMSN MLPPNHSSDF LLEPPGHNKE
DEDDVEIMST DSSSSSSESD 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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