

## Recombinant Human MED4, His-tagged

Cat. No. MED4-29557TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 24-270 of Human MED4 with an N-terminal His tag; Predicted MWt 29 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-270 a.a.
<b>Description</b>	The Mediator is a multiprotein coactivator that is required by DNA-binding transcription factors for activation of polymerase II (see MIM 180660)-transcribed genes. MED4 appears to be a core Mediator subunit and is found in nearly all Mediator preparations (summary by Sato et al.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 94 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	NSTRERLLSALEDLEVLRSRELIEMLAISRNQLKLLQAGEEN QVLELLIHRDGEFQELMK LALNQGKIHHEMQVLEKEVE KRDSDIQQLKQLKEAEQILATAVYQAKEKLKSIEKA

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R KGAISSEEIIKYAHRISASNAVCAPLTWVPGDPRRPYP TDLEMRSGLLGQMNNPS  
 TNGVNGHLPGDALAAGRLPDVLA PQYPWQSNDSMNMLPPNHSSDFLLEPPGHN  
 KENEDDV EIMSTDSSSSSSSESD

**Sequence Similarities** Belongs to the Mediator complex subunit 4 family.

## GENE INFORMATION

**Gene Name** MED4 mediator complex subunit 4 [ Homo sapiens ]

**Official Symbol** MED4

**Synonyms** MED4; mediator complex subunit 4; mediator of RNA polymerase II transcription, subunit 4 homolog (*S. cerevisiae*) , VDRIP, vitamin D receptor interacting protein; mediator of RNA polymerase II transcription subunit 4; DRIP36; HSPC126; TRAP36;

**Gene ID** 29079

**mRNA Refseq** NM\_014166

**Protein Refseq** NP\_054885

**MIM** 605718

**Uniprot ID** Q9NPJ6

**Chromosome Location** 13q14.12

**Pathway** Developmental Biology, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem;

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Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;

**Function**

RNA polymerase II transcription cofactor activity; RNA polymerase II transcription cofactor activity; ligand-dependent nuclear receptor transcription coactivator activity; protein binding; receptor activity;

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