

Recombinant Human MED4, His-tagged

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 24-270 of Human MED4 with an N-terminal His tag; Predicted MWt 29 kDa.
Species	Human
Source	E.coli
ProteinLength	24-270 a.a.
Description	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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 94 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	NSTRERLLSALEDLEVLSRELIEMLAISRNQKLLQAGEEN QVLELLIHRDGEFQELMK LALNQGKIHHEMQVLEKEVE KRDSDIQQLQKQLKEAEQILATAVYQAKEKLKSIEKA

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R KGAISSSEIIKYAHRISASNAVCAPLTWVPGDPRRPYP TDLEMRSGLLGQMNNPS
TNGVNGHLPGDALAAGRLPDVLA PQYPWQSNDSMNMLPPNHSSDFLLEPPGHN
KENEDDV EIMSTDSSSSSSSED

**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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