

Recombinant Mouse Med4 Protein, Myc/DDK-tagged

Cat. No. Med4-4021M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mediator complex subunit 4 (Med4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.
Molecular Mass	29.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Med4 mediator complex subunit 4 [*Mus musculus* (house mouse)]

Official Symbol Med4

Synonyms MED4; mediator of RNA polymerase II transcription, subunit 4 homolog (yeast); mediator of RNA polymerase II transcription subunit 4; p36 TRAP/SMCC/PC2 subunit; mediator complex subunit 4; vitamin D receptor interacting protein; Vdirp; Vdrip; DRIP36; TRAP36; HSPC126; 2410046H15Rik

Gene ID 67381

mRNA Refseq NM_026119

Protein Refseq NP_080395

UniProt ID Q9CQA5

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