

Recombinant Mouse Med18 Protein, Myc/DDK-tagged

Cat. No. Med18-4014M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mediator complex subunit 18 (Med18), 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	23.6 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 Med18 mediator complex subunit 18 [Mus musculus (house mouse)]

Official Symbol Med18

Synonyms MED18; mediator of RNA polymerase II transcription, subunit 18 homolog (yeast); mediator of RNA polymerase II transcription subunit 18; mediator complex subunit 18; 2810046C01Rik

Gene ID 67219

mRNA Refseq NM_026039

Protein Refseq NP_080315

UniProt ID Q9CZ82

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