

Recombinant Mouse Med8 Protein, Myc/DDK-tagged

Cat. No. Med8-4022M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mediator complex subunit 8 (Med8), 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. May play a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins.
Molecular Mass	29.2 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Med8 mediator complex subunit 8 [Mus musculus (house mouse)]

Official Symbol Med8

Synonyms MED8; mediator of RNA polymerase II transcription, subunit 8 homolog (yeast); mediator of RNA polymerase II transcription subunit 8; mediator complex subunit 8; activator-recruited cofactor 32 kDa component; ARC32; AB041805; MNCb-2386; 2210021A15Rik

Gene ID 80509

mRNA Refseq NM_020000

Protein Refseq NP_064384

UniProt ID Q9D7W5

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