# Recombinant Mouse Med25 Protein, Myc/DDK-tagged

**Cat. No.** Med25-4017M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of mouse full-length mediator complex subunit 25 (Med25), 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. Required for RARA/RXRA-mediated transcription. |
| **Molecular Mass** | 78.1 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

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| **Gene Name** | Med25 mediator complex subunit 25 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Med25 |
| **Synonyms** | MED25; mediator of RNA polymerase II transcription, subunit 25 homolog (yeast); mediator of RNA polymerase II transcription subunit 25; mMED25; mediator complex subunit 25; mediator of RNA polymerase II transcription, subunit 9 homolog; ESTM2; X83308; 2610034E13Rik; 2610529E18Rik |
| **Gene ID** | 75613 |
| **mRNA Refseq** | NM_029365 |
| **Protein Refseq** | NP_083641 |
| **UniProt ID** | Q8VCB2 |

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