

## Recombinant Human MED31 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MED31-2587H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MED31 MS Standard C13 and N15-labeled recombinant protein (NP_057144) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 15.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MAAAVAMETDDAGNRLRFQLELEFVQCLANPNYLNFLAQRGYFKDKAFVNYLKYLL<br>YWKDPEYAKYLYKYPQCLHMLELLQYEHFRKELVNAQCAKFIDEQQILHWQHYSRKR<br>MRLQQALAEQQQQNNTSGKTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MED31 mediator complex subunit 31 [ Homo sapiens (human) ]

**Official Symbol** MED31

**Synonyms** MED31; mediator complex subunit 31; mediator of RNA polymerase II transcription, subunit 31 homolog (S. cerevisiae); mediator of RNA polymerase II transcription subunit 31; CGI 125; Soh1; hSOH1; mediator complex subunit SOH1; mediator of RNA polymerase II transcription, subunit 31 homolog; CGI-125; 3110004H13Rik; FLJ27436; FLJ36714;

**Gene ID** 51003

**mRNA Refseq** NM\_016060

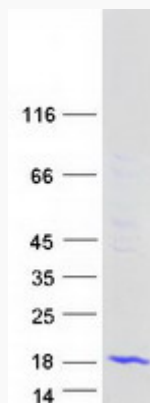
**Protein Refseq** NP\_057144

**UniProt ID** Q9Y3C7

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**SDS-PAGE**

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