

# Recombinant Full Length Human MED10 Protein, C-Flag-tagged

**Cat. No.** MED10-2042HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human MED10 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                               |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                     |
| <b>Description</b>      | MED10 is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II.                                     |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                               |
| <b>Molecular Mass</b>   | 15.5 kDa                                                                                                                                                                            |
| <b>AA Sequence</b>      | MAEKFDHLEEHLEKFVENIRQLGIIVSDFQPSSQAGLNQKLNFIIVTGLQDIDKCRQQL<br>HDITVPLEVFHEY IDQGRNPQLYTKDECLERALAKNEQVKGKIDTMKKFKSLLIQELSKV<br>FPEDMAKYRSIRGEDHPPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                        |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                       |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                                                            |

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|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| <b>Full Length</b>   | Full L.                                                                                                          |

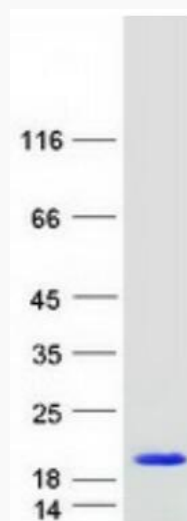
## GENE INFORMATION

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Gene Name</b>       | MED10 mediator complex subunit 10 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | MED10                                                      |
| <b>Synonyms</b>        | L6; NUT2; TRG20                                            |
| <b>Gene ID</b>         | 84246                                                      |
| <b>mRNA Refseq</b>     | NM_032286.3                                                |
| <b>Protein Refseq</b>  | NP_115662.2                                                |
| <b>MIM</b>             | 612382                                                     |
| <b>UniProt ID</b>      | Q9BTT4                                                     |

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Coomassie blue staining of purified MED10 protein.

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