

## Recombinant Human MEIS2 Protein(79-270 aa), His-tagged

**Cat. No.** MEIS2-3256H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MEIS2 Protein(79-270 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 79-270 aa                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | VFEKCELATCTPREPGVAGGDVCSSDSFNEDIAVFAKQVRAEKPLFSSNPELDNLMIQAIQVLRFHLLLELEKVHELCDNFCHRYISCLKGKMPIDLVIDERDGS SKSDHEELSGSSTNLADHNPSSWRDHDDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDPDKDKKRQKRGIF                                                                                   |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                      |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After                                                                                                                                                                                                    |

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reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

## GENE INFORMATION

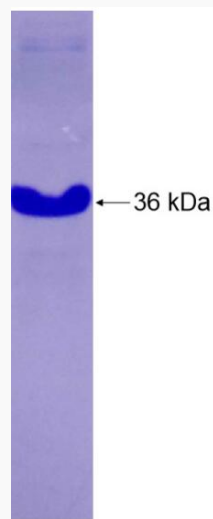
|                 |                                                                                                                                                                                                                                                                                                                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | MEIS2 Meis homeobox 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                         |
| Official Symbol | MEIS2                                                                                                                                                                                                                                                                                                                          |
| Synonyms        | MEIS2; Meis homeobox 2; Meis (mouse) homolog 2 , Meis1, myeloid ecotropic viral integration site 1 homolog 2 (mouse); homeobox protein Meis2; HsT18361; MRG1; Meis homolog 2; Meis1-related gene 1; meis1-related protein 1; TALE homeobox protein Meis2; Meis1, myeloid ecotropic viral integration site 1 homolog 2; MGC2820 |
| Gene ID         | 4212                                                                                                                                                                                                                                                                                                                           |
| mRNA Refseq     | NM_001220482                                                                                                                                                                                                                                                                                                                   |
| Protein Refseq  | NP_001207411                                                                                                                                                                                                                                                                                                                   |
| MIM             | 601740                                                                                                                                                                                                                                                                                                                         |
| UniProt ID      | O14770                                                                                                                                                                                                                                                                                                                         |

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## SDS-PAGE



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