

## Recombinant Human MEIS2 protein, His-tagged

Cat. No. MEIS2-3255H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MEIS2 protein(1 - 381 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1 - 381 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>	MDGVGVPASMYGDPHAPRPIPPVHHLNHGPPLHATQHYGAHAPHPNVMPASMGS AVNDALKRDKDAIYGHPLFLLALVFEKCELATCTPREPGVAGGDVCSDFSFNEDIA VFAKQVRAEKPLFSSNPELDNLMIQAIQVLRFHLLLELEKVHELCDNFCHRYISCLK GK MPIDLVIDERDGSSKSDHEELSGSSTNLADHNPSSWRDHDDATSTHSAGTPGPSSG GHASQSGDNSSEQGDGLDNSVASPGTGDDDDDPDKDKKRQKKRGIFPKVATNIMRA WLFQHLTHYPSEEQKKQLAQDTGLTILQVNNWFNARRRIVQPMIDQSNRAVSQG AAYSPEGQPMGSFVLGQQHMGIRPAGPMSGMGMMMGMDGQWHYM
<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, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer 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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