

Recombinant Mouse Meis3 Protein, Myc/DDK-tagged

Cat. No. Meis3-4138M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myeloid ecotropic viral integration site-related gene 2 (cDNA clone MGC:5914 IMAGE:3593200), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoding this gene belongs to the three amino acid loop extension family of homeodomain transcription factors, which play essential roles in many embryonic processes. These proteins are characterized by an atypical homeodomain containing a three amino acid loop extension between helices 1 and 2. Expression of this gene begins during the compaction stage of embryogenesis and continues into the blastocyst stage. This gene is also expressed in pancreatic islet cells and beta-cells and regulates beta-cell survival. Alternative splicing results in multiple transcript variants.
Molecular Mass	39.7 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.

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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.
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GENE INFORMATION

Gene Name	Meis3 Meis homeobox 3 [Mus musculus (house mouse)]
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Official Symbol	Meis3
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Synonyms	Meis3; Meis homeobox 3; Mrg; Mrg2; AI573393; homeobox protein Meis3; meis1-related protein 2; myeloid ecotropic viral integration site-related gene 2
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Gene ID	17537
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mRNA Refseq	NM_008627
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Protein Refseq	NP_032653
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UniProt ID	P97368
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