

Recombinant Mouse Meis2 Protein, Myc/DDK-tagged

Cat. No. Meis2-4029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Meis homeobox 2 (Meis2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcriptional regulators and several members have been shown to be essential contributors to developmental programs. In mice, a knock-out of this gene leads to lethality at embryonic day 14, accompanied with hemorrhaging. Embryos lacking this gene show defects in tissues derived from the neural crest, suggesting a critical role of this gene during cranial and cardiac neural crest cell development. Alternative splicing results in multiple transcript variants.
Molecular Mass	52.2 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Meis2 Meis homeobox 2 [*Mus musculus* (house mouse)]

Official Symbol Meis2

Synonyms MEIS2; Meis homeobox 2; homeobox protein Meis2; meis1-related protein 1; myeloid ecotropic viral integration site-related gene 1; Cbp/p300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain 2; Mrg1; Stra10; A430109D20Rik

Gene ID 17536

mRNA Refseq NM_001159568

Protein Refseq NP_001153040

UniProt ID P97367

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