

Recombinant Mouse Hoxa10 Protein, MYC/DDK-tagged

Cat. No. Hoxa10-1152M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse homeobox A10 (Hoxa10), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of a cluster on chromosome 6 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants encoding different isoforms have been described.
Molecular Mass	43.3 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 [Hoxa10 homeobox A10 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Hoxa10](#)

Synonyms Hoxa10; homeobox A10; Hox-1.8; Hoxa-10; homeobox protein Hox-A10; homeo box A10; homeobox protein Hox-1.8

Gene ID [15395](#)

mRNA Refseq [NM_008263](#)

Protein Refseq [NP_032289](#)

UniProt ID [P31310](#)

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