

## Recombinant Mouse Hoxa9 Protein, MYC/DDK-tagged

Cat. No. Hoxa9-1154M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse homeobox A9 (Hoxa9), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene is located in a cluster of developmentally and temporally regulated genes on chromosome 6 encoding proteins involved in pattern formation. These proteins contain a characteristic DNA-binding motif called a homeodomain and function in transcriptional regulation. There are four distinct clusters of similar genes on chromosomes 2, 6, 11, and 15. The protein encoded by this gene is important for hematopoiesis. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	29.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/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.

## GENE INFORMATION

**Gene Name** [Hoxa9 homeobox A9 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Hoxa9](#)

**Synonyms** Hoxa9; homeobox A9; D6a9; Hox-1.7; homeobox protein Hox-A9; homeo box A9; homeobox protein Hox-1.7

**Gene ID** [15405](#)

**mRNA Refseq** [NM\\_010456](#)

**Protein Refseq** [NP\\_034586](#)

**UniProt ID** [P09631](#)

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