

Recombinant Full Length Human HOXA9 Protein, C-Flag-tagged

Cat. No. HOXA9-1990HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HOXA9 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is highly similar to the abdominal-B (Abd-B) gene of Drosophila. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis. Read-through transcription exists between this gene and the upstream homeobox A10 (HOXA10) gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	30 kDa
AA Sequence	MATTGALGNYYVDSFLLGADAADELSVGRYAPGTLGQPPRQAATLAEHPDFSPCSF QSKATVFGASWNPV HAAGANAVPAAVYHHHHHPYVHPQAPVAAAAPDGRYMRS

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WLEPTPGALSFAGLPSSRPYGIKPEPLSAR RGDCPTLDTHLSLTDYACGSPPVDR
 EKQPSEGAFFSENNAENESGGDKPPIDPNNPAANWLHARSTRKKR CPYTKHQLEL
 EKEFLFNMYLTRDRRYEVARLLNLTERQVKIWFQNRRMKMKKINKDRAKDE TRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	HOXA9 homeobox A9 [Homo sapiens (human)]
Official Symbol	HOXA9
Synonyms	HOX1; ABD-B; HOX1G; HOX1.7
Gene ID	3205
mRNA Refseq	NM_152739.4

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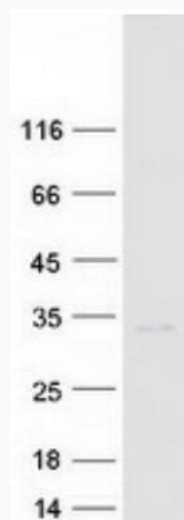
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Protein Refseq [NP_689952.1](#)

MIM [142956](#)

UniProt ID [P31269](#)



Coomassie blue staining of purified HOXA9 protein.

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