

# Recombinant Full Length Human HOXA9 Protein, GST-tagged

Cat. No. HOXA9-3714HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HOXA9 full-length ORF ( AAH06537, 1 a.a. - 272 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	272 amino acids
<b>Description</b>	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. [provided by RefSeq
<b>Molecular Mass</b>	55.66 kDa
<b>AA Sequence</b>	MATTGALGNYYVDSFLLGADADEL SVGRYAPGTLGQPPRQAATLAEHPDFSPCSF QSKATVFGASWNPVHAAGANAVPAAVYHHHHHPYVHPQAPVAAAAPDGRYMRS WLEPTPGALSFAGLPSSRPYGIKPEPLSARRGDCPTLDTHLSLTDYACGSPVDRE KQPSEGA FSENNAENESGGDKPPIDPNPAANWLHARSTRKKRCPYTKHQ TLELEK

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EFLFNMYLTRDRRYEVARLLNLTERQVKIWFQNRMMKMKKINKDRAKDE

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

HOXA9 homeobox A9 [ Homo sapiens ]

**Official Symbol**

HOXA9

**Synonyms**

HOXA9; homeobox A9; homeo box A9 , HOX1, HOX1G; homeobox protein Hox-A9;  
 homeobox protein Hox-1G; homeodomain protein HOXA9; HOX1; ABD-B; HOX1G;  
 HOX1.7; MGC1934;

**Gene ID**

3205

**mRNA Refseq**

NM\_152739

**Protein Refseq**

NP\_689952

**MIM**

142956

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UniProt ID

P31269

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