

Recombinant Full Length Human HOXA9 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human HOXA9 full-length ORF (AAH06537, 1 a.a. - 272 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	272 amino acids
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. [provided by RefSeq
Molecular Mass	55.66 kDa
AA Sequence	MATTGALGNYYVDSFLLGADAADELSVGRYAPGTLGQPPRQAATLAEHPDFSPCSF QSKATVFGASWNPVHAAGANAVPAAVYHHHHHPYVHPQAPVAAAAPDGRYMRS WLEPTPGALSFAGLPSSRPYGIKPEPLSARRGDCPTLDTHLTLTDYACGSPPVDRE KQPSEGAFFSENNAENESGGDKPPIDPNPAANWLHARSTRKKRCPYTKHQTTLELEK

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EFLFNMYLTRDRRYEVARLLNLTERQVKIWFQNRRMKMKKINKDRAKDE

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

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