

Recombinant Human HOXA9 Protein, GST-tagged

Cat. No. HOXA9-4952H **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	Wheat Germ
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 WLEPTPGALSFAGLPSSRPYGIKPEPLSARRGDCPTLDHTLSLTDYACGSPPVDRE KQPSEGAFFSENNAENESGGDKPPIDPNPAANWLHARSTRKKRCPTYTKHQTTLELEK EFLFNMYLTRDRRYEVARLLNLTERQVKIWFQNRMMKMKKINKDRAKDE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
UniProt ID	P31269

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