Recombinant Full Length Human HOXB9 Protein, GST-tagged

Cat. No. HOXB9-3722HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXB9 full-length ORF (NP_076922.1, 1 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	250 amino acids
Description	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq
Molecular Mass	54.5 kDa
AA Sequence	MSISGTLSSYYVDSIISHESEDAPPAKFPSGQYASSRQPGHAEHLEFPSCSFQPKAP VFGASWAPLSPHASGSLPSVYHPYIQPQGVPPAESRYLRTWLEPAPRGEAAPGQG QAAVKAEPLLGAPGELLKQGTPEYSLETSAGREAVLSNQRPGYGDNKICEGSEDKE RPDQTNPSANWLHARSSRKKRCPYTKYQTLELEKEFLFNMYLTRDRRHEVARLLNL SERQVKIWFQNRRMKMKKMNKEQGKE
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	HOXB9 homeobox B9 [Homo sapiens]
Official Symbol	HOXB9
Synonyms	HOXB9; homeobox B9; homeo box B9 , HOX2, HOX2E; homeobox protein Hox-B9; homeo box 2E; homeo box B9; homeobox protein Hox-2E; homeobox protein Hox-2.5; HOX2; HOX2E; HOX-2.5;
Gene ID	3219
mRNA Refseq	NM_024017
Protein Refseq	NP_076922
MIM	142964
UniProt ID	P17482

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