Recombinant Full Length Human HOXB6 Protein, GST-tagged

Cat. No. HOXB6-3719HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXB6 full-length ORF (AAH14651, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	224 amino acids
Description	This gene is a member of the Antp 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 protein functions as a sequence-specific transcription factor that is involved in development, including that of lung and skin, and has been localized to both the nucleus and cytoplasm. Altered expression of this gene or a change in the subcellular localization of its protein is associated with some cases of acute myeloid leukemia and colorectal cancer. [provided by RefSeq
Molecular Mass	50.27 kDa
AA Sequence	MSSYFVNSTFPVTLASGQESFLGQLPLYSSGYADPLRHYPAPYGPGPGQDKGFATS SYYPPAGGGYGRAAPCDYGPAPAFYREKESACALSGADEQPPFHPEPRKSDCAQD KSVFGETEEQKCSTPVYPWMQRMNSCNSSSFGPSGRRGRQTYTRYQTLELEKEF HYNRYLTRRRRIEIAHALCLTERQIKIWFQNRRMKWKKESKLLSASQLSAEEEEEKQ AE

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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	HOXB6 homeobox B6 [Homo sapiens]
Official Symbol	HOXB6
Synonyms	HOXB6; homeobox B6; homeo box B6 , HOX2, HOX2B; homeobox protein Hox-B6; homeo box 2B; homeo box B6; homeobox protein Hu-2; homeobox protein Hox-2B; homeobox protein Hox-2.2; HOX2; HU-2; HOX2B; Hox-2.2;
Gene ID	3216
mRNA Refseq	NM_018952
Protein Refseq	NP_061825
MIM	142961
UniProt ID	P17509

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