

Recombinant Full Length Human HOXB6 Protein, C-Flag-tagged

Cat. No. HOXB6-2150HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HOXB6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.3 kDa
AA Sequence	MSSYFVNSTFPVTLASGQESFLGQLPLYSSGYADPLRHYPAPYGP GPGQDKGFATS SYPPAGGGYGRAA PCDYGPAPAFYREKESACALSGADEQPPFHPEPRKSDCAQ DKSVFGETEEQKCSTPVYPWMQRMNSCNSS SFGPSGRRGRQTYTRYQTLELEKE FHYNRYLTRRRRIEIAHALCLTERQIKIWFQNRRMKWKKESKLLSA SQLSAEEEEEEK QAE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	HOXB6 homeobox B6 [Homo sapiens (human)]
Official Symbol	HOXB6
Synonyms	HOX2; HU-2; HOX2B; Hox-2.2
Gene ID	3216
mRNA Refseq	NM_018952.5
Protein Refseq	NP_061825.2
MIM	142961

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