

Recombinant Human HOXB6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HOXB6-6295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HOXB6 MS Standard C13 and N15-labeled recombinant protein (NP_061825) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	25.4 kDa
AA Sequence	MSSYFVNSTFPVTLASGQESFLGQLPLYSSGYADPLRHYPAPYGP GPGQDKGFATS SYPPAGGGYGRAAPCDYGPAPAFYREKESACALSGADEQPPFHPEPRKSDCAQD KSVFGETEEQKCSTPVYPWMQRMNSCNSSSFGPSGRRGRQTYTRYQTLELEKEF HYNRYLTRRRRIEIAHALCLTERQIKIWFQNRRMKWKKESKLLSASQLSAEEEEEEKQ AETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

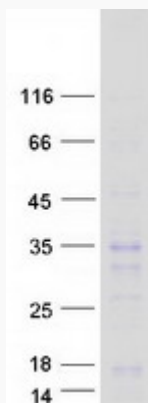
GENE INFORMATION

Gene Name	HOXB6 homeobox B6 [Homo sapiens (human)]
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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SDS-PAGE

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