

Recombinant Human HOXB5 Protein, His-tagged

Cat. No. HOXB5-1896H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HOXB5 protein, fused to His-tagged at N-terminus, was expressed in E. coli
Species	Human
Source	E.coli
Description	This gene is a member of the Antp homeobox family and encodes a nuclear 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 lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. [provided by RefSeq, Jul 2008].
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	29.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	HOXB5 homeobox B5 [Homo sapiens]
Official Symbol	HOXB5
Synonyms	HHO.C10; HOX2; Hox2.1; HOX2A; HU-1
Gene ID	3215
mRNA Refseq	NM_002147
Protein Refseq	NP_002138
MIM	142960
UniProt ID	P09067

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