

Recombinant Human HOXB3

Cat. No. HOXB3-28511TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Hoxb3 with an N terminal proprietary tag; Predicted MWt 36.52 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
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 development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML).
Molecular Weight	36.520kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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Sequences of amino acids TAGFMNALHSMTPSYESPSPAFAFGKAHQNAYALPSNYQPPLKGCGAPQKYPPTPA
PEYEPHVLQANGGAYGTPTMQGSPVYVGGGGYADLPPPAGPSL

Sequence Similarities Belongs to the Antp homeobox family.Contains 1 homeobox DNA-binding domain.

GENE INFORMATION

Gene Name HOXB3 homeobox B3 [Homo sapiens]

Official Symbol HOXB3

Synonyms HOXB3; homeobox B3; homeo box B3 , HOX2, HOX2G; homeobox protein Hox-B3;

Gene ID 3213

mRNA Refseq NM_002146

Protein Refseq NP_002137

MIM 142966

Uniprot ID P14651

Chromosome Location 17q21.32

Function sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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