

Recombinant Full Length Human HOXB3 Protein, GST-tagged

Cat. No. HOXB3-3717HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXB3 full-length ORF (BAG37563.1, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	431 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). [provided by RefSeq]
Molecular Mass	73.81 kDa
AA Sequence	MQKATYYDNAAAALFGGYSSYPGSNGFGFDVPPQPPFQAATHLEGDYQRSACSLQ SLGNAAPHAKSKELNGSCMRPGLAPEPLSAPPGSPPPSAAPTSATSNSSNGGGPS KSGPPKCGPGTNSTLTQIFPWMKESRQTSKLKNNSPGTAEGCGGGGGGGGGGG SGGSGGGGGGGGGGGDKSPPGSAASKRARTAYTSAQLVELEKEFHFNRYLCRPRR VEMANLLNLSEKIQIKWIFQNRMRKYKKDQKAKGLASSSGGSPAGSPPQPMQSTA GFMNALHSMTPSYESPPAFGKAHQNAYALPSNYQPPLKGC GAPQKYPPTPAPE YEPHVLQANGGAYGTPTMQGSPVYVGGGGYADPLPPPAGPSLYGLNHLSHHPSG

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NLDYNGAPPMAPSQHHGPCEPHPTYTDLSSHHAPPPQGRIQEAPKLTHL

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

HOXB3 homeobox B3 [Homo sapiens]

Official Symbol

HOXB3

Synonyms

HOXB3; homeobox B3; homeo box B3 , HOX2, HOX2G; homeobox protein Hox-B3; homeo box 2G; homeo box B3; homeobox protein Hox-2G; homeobox protein Hox-2.7; HOX2; HOX2G; Hox-2.7;

Gene ID

3213

mRNA Refseq

NM_002146

Protein Refseq

NP_002137

MIM

142966

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UniProt ID

P14651

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