

Recombinant Full Length Human HOXB7 Protein, GST-tagged

Cat. No. HOXB7-3720HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXB7 full-length ORF (AAH15345.1, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	217 amino acids
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 nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of melanoma and ovarian carcinoma. [provided by RefSeq]
Molecular Mass	50.4 kDa
AA Sequence	MSSLYYANALFSKYPASSSVFATGAFPEQTSCAFASNPQRPGYGAGSGASFAASM QGLYPGGGGMAGQSAAGVYAAGYGLEPSSFNMHCAPFEQNLSGVCPGDSAKAAG AKEQRDSDLAAESNFRIYPWMRSSGTDRKRGRQTYTRYQTLELEKEFHYNRYLTRR RRIEIAHTLCLTERQIKIWFQNRRMKWKKENKTAGPGTTGQDRAEAEAAAAA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	HOXB7 homeobox B7 [Homo sapiens]
Official Symbol	HOXB7
Synonyms	HOXB7; homeobox B7; homeo box B7 , HOX2, HOX2C; homeobox protein Hox-B7; homeo box 2C; homeo box B7; homeo box c1 protein; homeobox protein HHO.C1; homeobox protein Hox-2C; HOX2; HOX2C; HHO.C1; Hox-2.3;
Gene ID	3217
mRNA Refseq	NM_004502
Protein Refseq	NP_004493
MIM	142962
UniProt ID	P09629