



## Human HOXB4 blocking peptide (CDBP1503)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-HOXB4 antibody
<b>Antigen Description</b>	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. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">HOXB4 homeobox B4 [ Homo sapiens ]</a>
<b>Official Symbol</b>	HOXB4
<b>Synonyms</b>	HOXB4; homeobox B4; homeo box B4 , HOX2, HOX2F; homeobox protein Hox-B4; homeo box 2F; homeo box B4; homeobox protein Hox-2F; homeobox protein Hox-2.6; HOX2; HOX2F;

HOX-2.6;

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<b>Entrez Gene ID</b>	<a href="#">3214</a>
<b>mRNA Refseq</b>	<a href="#">NM_024015</a>
<b>Protein Refseq</b>	<a href="#">NP_076920</a>
<b>UniProt ID</b>	P17483
<b>Chromosome Location</b>	17q21.32
<b>Function</b>	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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