



# Human LMX1B blocking peptide (CDBP1771)

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-LMX1B antibody
<b>Antigen Description</b>	This gene encodes a member of LIM-homeodomain family of proteins containing two N-terminal zinc-binding LIM domains, 1 homeodomain, and a C-terminal glutamine-rich domain. It functions as a transcription factor, and is essential for the normal development of dorsal limb structures, the glomerular basement membrane, the anterior segment of the eye, and dopaminergic and serotonergic neurons. Mutations in this gene are associated with nail-patella syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
<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="#">LMX1B LIM homeobox transcription factor 1, beta [ Homo sapiens ]</a>
<b>Official Symbol</b>	LMX1B
<b>Synonyms</b>	LMX1B; LIM homeobox transcription factor 1, beta; NPS1; LIM homeobox transcription factor 1-

beta; LMX-1.2; LIM/homeobox protein 1.2; LIM/homeobox protein LMX1B; LMX1.2;  
MGC138325; MGC142051;

Entrez Gene ID	<a href="#">4010</a>
mRNA Refseq	<a href="#">NM_001174146</a>
Protein Refseq	<a href="#">NP_001167617</a>
UniProt ID	O60663
Chromosome Location	9q33.3
Pathway	SIDS Susceptibility Pathways, organism-specific biosystem;
Function	metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;