



LMX1B blocking peptide (CDBP5687)

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

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	LMX1B LIM homeobox transcription factor 1, beta [Homo sapiens (human)]
Official Symbol	LMX1B
Synonyms	LMX1B; LIM homeobox transcription factor 1, beta; NPS1; LMX1.2; LIM homeobox transcription factor 1-beta; LMX-1.2; LIM/homeobox protein 1.2; LIM/homeobox protein LMX1B

Entrez Gene ID	4010
mRNA Refseq	NM_001174146
Protein Refseq	NP_001167617
UniProt ID	O60663
Pathway	SIDS Susceptibility Pathways
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding
