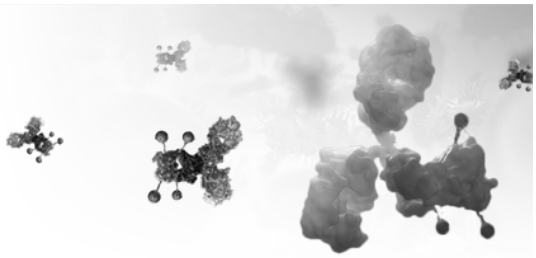

Human KL blocking peptide (CDBP1705)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Klotho/KL antibody
Antigen Description	This gene encodes a type-I membrane protein that is related to beta-glucosidases. Reduced production of this protein has been observed in patients with chronic renal failure (CRF), and this may be one of the factors underlying the degenerative processes (e.g., arteriosclerosis, osteoporosis, and skin atrophy) seen in CRF. Also, mutations within this protein have been associated with ageing and bone loss. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	Kl klotho [Mus musculus (house mouse)]
Official Symbol	KL
Synonyms	KL; klotho; alpha-kl; secreted form of Klotho protein;
Entrez Gene ID	16591

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mRNA Refseq	NM_013823.2
Protein Refseq	NP_038851.2
UniProt ID	O35082
Chromosome Location	5; 5 G3
Pathway	Adaptive Immune System, organism-specific biosystem; Ascorbate biosynthesis, animals, glucose-1P => ascorbate, organism-specific biosystem; Ascorbate biosynthesis, animals, glucose-1P => ascorbate, conserved biosystem; Constitutive PI3K/AKT Signaling in Cancer, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specifi
Function	beta-glucuronidase activity; fibroblast growth factor binding; fibroblast growth factor binding; fibroblast growth factor receptor binding; hydrolase activity; hydrolase activity, acting on glycosyl bonds; hydrolase activity, hydrolyzing O-glycosyl compou

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