



KL blocking peptide (CDBP5646)

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

PRODUCT INFORMATION

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]
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	KL klotho [Homo sapiens (human)]
Official Symbol	KL
Synonyms	KL; klotho
Entrez Gene ID	9365
mRNA Refseq	NM_004795

Protein Refseq

[NP_004786](#)

UniProt ID

Q9UEF7

Pathway

Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR); Downstream signaling of activated FGFR

Function

beta-glucosidase activity; beta-glucuronidase activity; fibroblast growth factor binding; fibroblast growth factor receptor binding; hormone activity; signal transducer activity; vitamin D binding