



## 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](#)

<b>Protein Refseq</b>	<a href="#">NP_004786</a>
<b>UniProt ID</b>	Q9UEF7
<b>Pathway</b>	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
<b>Function</b>	beta-glucosidase activity; beta-glucuronidase activity; fibroblast growth factor binding; fibroblast growth factor receptor binding; hormone activity; signal transducer activity; vitamin D binding