



# Human KLK1 blocking peptide (CDBP1699)

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-KLK1 antibody
<b>Antigen Description</b>	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008]
<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="#">KLK1 kallikrein 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	KLK1
<b>Synonyms</b>	KLK1; kallikrein 1; kallikrein 1, renal/pancreas/salivary; kallikrein-1; Klk6; tissue kallikrein; glandular kallikrein 1; kallikrein serine protease 1; kidney/pancreas/salivary gland kallikrein;

hK1; KLKR;

<b>Entrez Gene ID</b>	<a href="#">3816</a>
<b>mRNA Refseq</b>	<a href="#">NM_002257</a>
<b>Protein Refseq</b>	<a href="#">NP_002248</a>
<b>UniProt ID</b>	P06870
<b>Chromosome Location</b>	19q13.3
<b>Pathway</b>	Blood Clotting Cascade, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem;
<b>Function</b>	peptidase activity; serine-type endopeptidase activity;