



KLK11 peptide (DAG-P0699)

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

PRODUCT INFORMATION

Antigen Description	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. Alternate splicing of this gene results in multiple transcript variants encoding distinct isoforms which are differentially expressed.[provided by RefSeq, Nov 2009]
Specificity	Expressed in brain, skin and prostate. Isoform 1 is expressed preferentially in brain. Isoform 2 is expressed in prostate. Present in seminal plasma at concentrations ranging from 2 to 37 microg/mL (at protein level).
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	KLK11 kallikrein-related peptidase 11 [Homo sapiens (human)]
Official Symbol	KLK11
Synonyms	KLK11; kallikrein-related peptidase 11; TLSP; PRSS20; kallikrein-11; hK11; hippostasin; kallikrein 11; serine protease 20; trypsin-like protease;
Entrez Gene ID	11012
mRNA Refseq	NM_001136032.2
Protein Refseq	NP_001129504.1
UniProt ID	Q9UBX7
Chromosome Location	19q13.33
Function	serine-type endopeptidase activity; serine-type peptidase activity;