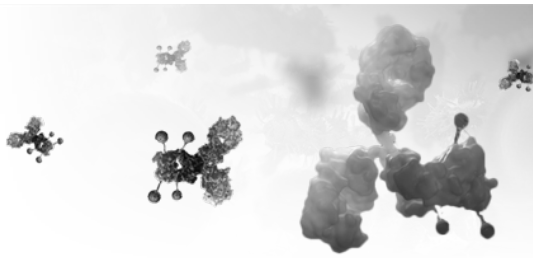

KLK8 peptide (DAG-P0688)

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 tandem in a gene cluster on chromosome 19. The encoded protein may be involved in proteolytic cascade in the skin and may serve as a biomarker for ovarian cancer. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]
Specificity	Isoform 1 is predominantly expressed in the pancreas. Isoform 2 is expressed in adult brain and hippocampus. Isoform 1 and isoform 2 are found in fetal brain and placenta. Detected in salivary gland, uterus, thymus, breast, testis and kidney but not in sp
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 or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

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Gene Name	KLK8 kallikrein-related peptidase 8 [Homo sapiens (human)]
Official Symbol	KLK8
Synonyms	KLK8; kallikrein-related peptidase 8; NP; HNP; NRPN; PRSS19; TADG14; kallikrein-8; ovasin; serine protease 19; serine protease TADG-14; tumor-associated differentially expressed gene 14 protein;
Entrez Gene ID	11202
mRNA Refseq	NM_001281431.1
Protein Refseq	NP_001268360.1
UniProt ID	O60259
Chromosome Location	19q13
Pathway	Spinal Cord Injury, organism-specific biosystem;
Function	protein binding; serine-type endopeptidase activity;

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