



KLK13 peptide (DAG-P0711)

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. Expression of this gene is regulated by steroid hormones and may be useful as a marker for breast cancer. An additional transcript variant has been identified, but its full length sequence has not been determined. [provided by RefSeq, Jul 2008]
Specificity	Expressed in prostate, breast, testis and salivary gland.
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: 50% Glycerol, 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: 50% Glycerol, 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	KLK13 kallikrein-related peptidase 13 [Homo sapiens (human)]
Official Symbol	KLK13
Synonyms	KLK13; kallikrein-related peptidase 13; KLKL4; KLK-L4; kallikrein-13; kallikrein 13; kallikrein-like gene 4; kallikrein-like protein 4;
Entrez Gene ID	26085
mRNA Refseq	NM_015596.1
Protein Refseq	NP_056411.1
UniProt ID	Q9UKR3
Chromosome Location	19q13.33
Pathway	Metabolism of proteins, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) Transport and Uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem;
Function	hydrolase activity; protein binding; serine-type endopeptidase activity;