



## KLK15 peptide (DAG-P0714)

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

### PRODUCT INFORMATION

<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. In prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Highest expression in the thyroid gland. Also expressed in the prostate, salivary, and adrenal glands and in the colon testis and kidney.
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Sequence Similarities</b>	Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">KLK15 kallikrein-related peptidase 15 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KLK15
<b>Synonyms</b>	KLK15; kallikrein-related peptidase 15; ACO; HSRNASPH; kallikrein-15; prostinogen; ACO protease; kallikrein-like serine protease;
<b>Entrez Gene ID</b>	<a href="#">55554</a>
<b>mRNA Refseq</b>	<a href="#">NM_001277081.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001264010.1</a>
<b>UniProt ID</b>	Q6ISI0
<b>Chromosome Location</b>	19q13.41
<b>Function</b>	serine-type endopeptidase activity; serine-type peptidase activity;