



## KLK14 peptide (DAG-P0713)

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. An additional transcript variant has been described but its full length nature has not been determined. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Highly expressed in CNS, bone marrow and fetal liver. Also expressed in breast, thyroid, kidney, colon, pancreas, spleen, prostate, uterus, small intestine, placenta and skeletal muscle. Among 40 tissues tested, the highest expression is detected in skin
<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="#">KLK14 kallikrein-related peptidase 14 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KLK14
<b>Synonyms</b>	KLK14; kallikrein-related peptidase 14; KLK-L6; kallikrein-14; hK14; kallikrein 14; kallikrein-like protein 6;
<b>Entrez Gene ID</b>	<a href="#">43847</a>
<b>mRNA Refseq</b>	<a href="#">NM_022046.4</a>
<b>Protein Refseq</b>	<a href="#">NP_071329.2</a>
<b>UniProt ID</b>	Q9P0G3
<b>Chromosome Location</b>	19q13.3-q13.4
<b>Function</b>	serine-type endopeptidase activity; serine-type endopeptidase activity;