



# Human GZMK peptide (DAG-P0548)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface nonself antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here lacks consensus sequences for N-glycosylation present in other granzymes. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed in lung, spleen, thymus and peripheral blood leukocytes.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the peptidase S1 family. Granzyme subfamily. Contains 1 peptidase S1 domain.
<b>Format</b>	Liquid
<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. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GZMK granzyme K (granzyme 3; tryptase II) [Homo sapiens (human)]</a>
<b>Official Symbol</b>	GZMK
<b>Synonyms</b>	GZMK; granzyme K (granzyme 3; tryptase II); TRYP2; granzyme K; NK-Tryp-2; granzyme 3; granzyme-3; tryptase II; fragmentin-3; NK-tryptase-2; granzyme K (serine protease, granzyme

3; tryptase II);

Entrez Gene ID	<a href="#">3003</a>
mRNA Refseq	<a href="#">NM_002104.2</a>
Protein Refseq	<a href="#">NP_002095.1</a>
UniProt ID	P49863
Chromosome Location	5q11.2
Function	serine-type endopeptidase activity; serine-type peptidase activity;