



# Human CDKAL1 peptide (DAG-P0237)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a member of the methylthiotransferase family. The function of this gene is not known. Genome-wide association studies have linked single nucleotide polymorphisms in an intron of this gene with susceptibility to type 2 diabetes. [provided by RefSeq, May 2010]
<b>Specificity</b>	Expressed in pancreatic islets.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the methylthiotransferase family. CDKAL1 subfamily. Contains 1 MTTase N-terminal domain. Contains 1 TRAM 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="#">CDKAL1 CDK5 regulatory subunit associated protein 1-like 1 [Homo sapiens (human)]</a>
<b>Official Symbol</b>	CDKAL1
<b>Synonyms</b>	CDKAL1; CDK5 regulatory subunit associated protein 1-like 1; threonylcarbamoyladenosine tRNA methylthiotransferase; tRNA-t(6)A37 methylthiotransferase;
<b>Entrez Gene ID</b>	<a href="#">54901</a>

<b>mRNA Refseq</b>	<a href="#">NM_017774.3</a>
<b>Protein Refseq</b>	<a href="#">NP_060244.2</a>
<b>UniProt ID</b>	Q5VV42
<b>Chromosome Location</b>	6p22.3
<b>Function</b>	4 iron, 4 sulfur cluster binding; N6-threonylcarbomyladenosine methylthiotransferase activity; metal ion binding; molecular_function;