



## DPP9 peptide (DAG-P1497)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a protein that is a member of the S9B family in clan SC of the serine proteases. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Although the activity of this protein is similar to that of dipeptidyl peptidase 4 (DPP4), it does not appear to be membrane bound. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. Several transcript variants of this gene have been described but not fully characterized. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Ubiquitously expressed, with highest levels in liver, heart and muscle, and lowest levels in brain.
<b>Purity</b>	> 95 % by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Sequence Similarities</b>	Belongs to the peptidase S9B family. DPPIV subfamily.
<b>Format</b>	Liquid
<b>Buffer</b>	Preservative: None Constituents: 50% Glycerol, 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. Avoid freeze / thaw cycles. Preservative: None Constituents: 50% Glycerol, 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">DPP9 dipeptidyl-peptidase 9 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	DPP9
<b>Synonyms</b>	DPP9; dipeptidyl-peptidase 9; DP9; DPLP9; DPRP2; DPRP-2; dipeptidyl peptidase 9; DPP IX; dipeptidylpeptidase 9; dipeptidyl peptidase IX; dipeptidyl peptidase-like protein 9; dipeptidyl peptidase IV-related protein 2; dipeptidyl peptidase IV-related protein-2;
<b>Entrez Gene ID</b>	<a href="#">91039</a>
<b>mRNA Refseq</b>	<a href="#">NM_139159.4</a>
<b>Protein Refseq</b>	<a href="#">NP_631898.3</a>
<b>UniProt ID</b>	Q86TI2
<b>Chromosome Location</b>	19p13.3
<b>Function</b>	aminopeptidase activity; identical protein binding; serine-type peptidase activity;