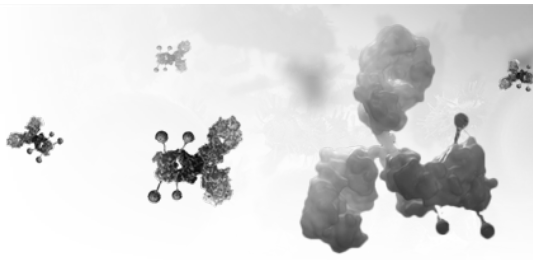

DPP9 peptide (DAG-P1538)

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

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Ubiquitously expressed, with highest levels in liver, heart and muscle, and lowest levels in brain.
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	Belongs to the peptidase S9B family. DPPIV subfamily.
Format	Liquid
Buffer	Preservative: None Constituents: 50% Glycerol, 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	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

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Gene Name	DPP9 dipeptidyl-peptidase 9 [Homo sapiens (human)]
Official Symbol	DPP9
Synonyms	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;
Entrez Gene ID	91039
mRNA Refseq	NM_139159.4
Protein Refseq	NP_631898.3
UniProt ID	Q86TI2
Chromosome Location	19p13.3
Function	aminopeptidase activity; identical protein binding; serine-type peptidase activity;

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