



DPP9 peptide (DAG-P1537)

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.
Purity	> 95 % by SDS-PAGE.
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

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;