



DPP8 peptide (DAG-P1535)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the peptidase S9B family, a small family of dipeptidyl peptidases that are able to cleave peptide substrates at a prolyl bond. The encoded protein shares similarity with dipeptidyl peptidase IV in that it is ubiquitously expressed, and hydrolyzes the same substrates. These similarities suggest that, like dipeptidyl peptidase IV, this protein may play a role in T-cell activation and immune function. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Specificity	Ubiquitously expressed, with highest levels in testis, placenta, prostate, muscle and 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: 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: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name [DPP8 dipeptidyl-peptidase 8 \[Homo sapiens \(human\) \]](#)

Official Symbol	DPP8
Synonyms	DPP8; dipeptidyl-peptidase 8; DP8; DPRP1; MSTP141; dipeptidyl peptidase 8; DPRP-1; DPP VIII; dipeptidylpeptidase 8; prolyl dipeptidase DPP8; dipeptidyl peptidase VIII; dipeptidyl peptidase IV-related protein 1; dipeptidyl peptidase IV-related protein-1;
Entrez Gene ID	54878
mRNA Refseq	NM_017743.4
Protein Refseq	NP_060213.2
UniProt ID	Q6V1X1
Chromosome Location	15q22
Pathway	gamma-glutamyl cycle, organism-specific biosystem;
Function	aminopeptidase activity; dipeptidyl-peptidase activity; serine-type peptidase activity;