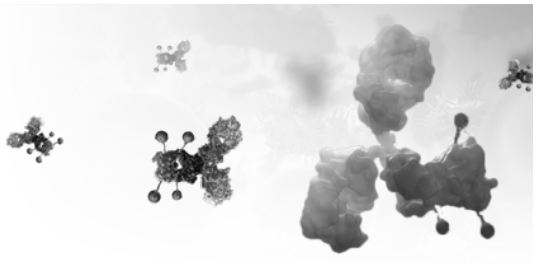

Human DPP4 peptide (DAG-P0327)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is identical to adenosine deaminase complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. [provided by RefSeq, Jul 2008]
Specificity	Expressed specifically in lymphatic vessels but not in blood vessels in the skin, small intestine, esophagus, ovary, breast and prostate glands. Not detected in lymphatic vessels in the lung, kidney, uterus, liver and stomach (at protein level). Expressed
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the peptidase S9B family. DPPIV subfamily.
Format	Liquid
Preservative	None
Storage	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

Gene Name	DPP4 dipeptidyl-peptidase 4 [Homo sapiens (human)]
Official Symbol	DPP4
Synonyms	DPP4; dipeptidyl-peptidase 4; CD26; ADABP; ADCP2; DPPIV; TP103; dipeptidyl peptidase 4; ADCP-2; DPP IV; dipeptidylpeptidase 4; dipeptidyl peptidase IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase IV (CD26, adenosine

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	deaminase complexing protein 2);
Entrez Gene ID	1803
mRNA Refseq	NM_001935.3
Protein Refseq	NP_001926.2
UniProt ID	P27487
Chromosome Location	2q24.3
Pathway	Incretin Synthesis, Secretion, and Inactivation, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Peptide hormone metabolism, organism-specific biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Synthesis, Secretion, and Inactivation of Glucagon-like Peptide-1 (GLP-1), organism-specific biosystem; Synthesis, Secretion, and Inactivation of Glucose-dependent Insulinotropic Polypeptide (GI
Function	aminopeptidase activity; dipeptidyl-peptidase activity; identical protein binding; protease binding; protein binding; protein homodimerization activity; receptor binding; serine-type endopeptidase activity; serine-type peptidase activity;

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