

Recombinant Human DPP9

Cat. No. DPP9-28434TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DPP9 with N terminal proprietary tag expressed in a Baculovirus infected Sf9 cell expression system, 122.6 kDa.
Species	Human
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.
Tissue specificity	Ubiquitously expressed, with highest levels in liver, heart and muscle, and lowest levels in brain.
Biological activity	Specific Activity: 536 U/ug. One U =1 pmol/min.
Form	Liquid
Storage buffer	Preservative: None Constituents: 50% Glycerol, 0.05% Tween 20, 3mM DTT, 25mM Tris HCl, 100mM Sodium chloride, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Belongs to the peptidase S9B family. DPPIV subfamily.
Full Length	Full L.
GENE INFORMATION	
Gene Name	DPP9 dipeptidyl-peptidase 9 [Homo sapiens]
Official Symbol	DPP9
Synonyms	DPP9; dipeptidyl-peptidase 9; dipeptidylpeptidase 9; dipeptidyl peptidase 9;
Gene ID	91039
mRNA Refseq	NM_139159
Protein Refseq	NP_631898
MIM	608258
Uniprot ID	Q86TI2
Chromosome Location	19p13.3
Function	aminopeptidase activity; peptidase activity; serine-type peptidase activity;