

Recombinant Human DPP9 Protein, His-tagged

Cat. No. DPP9-1377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPP9 Protein (Ser36-Ser202) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser36-Ser202
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.8 kDa Accurate Molecular Mass: 23 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DPP9 dipeptidyl-peptidase 9 [Homo sapiens (human)]
Official Symbol	DPP9
Synonyms	DPP9; dipeptidyl-peptidase 9; dipeptidylpeptidase 9; dipeptidyl peptidase 9; DPP IX; dipeptidyl peptidase IX; dipeptidyl peptidase-like protein 9; dipeptidyl peptidase IV-related protein 2; dipeptidyl peptidase IV-related protein-2; DP9; DPLP9; DPRP2; DPRP-2; FLJ16073; DKFZp762F117;
Gene ID	91039
mRNA Refseq	NM_139159
Protein Refseq	NP_631898

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MIM	608258
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UniProt ID	Q86TI2
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