

Recombinant Human DPP9, GST-tagged

Cat. No. DPP9-12150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPP9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	DPP9 dipeptidyl-peptidase 9 [Homo sapiens]
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
MIM	608258
UniProt ID	Q86TI2
Chromosome Location	19p13.3
Function	aminopeptidase activity; peptidase activity; serine-type peptidase activity;