Recombinant Human DPP9 Protein, GST-tagged

Cat. No. DPP9-2851H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPP9 partial ORF (NP_631898.2, 24 a.a. - 119 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	36.3 kDa
AA Sequence	FQVQKHSWDGLRSIIHGSRKYSGLIVNKAPHDFQFVQKTDESGPHSHRLYYLGMPY GSRENSLLYSEIPKKVRKEALLLLSWKQMLDHFQATPHHG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

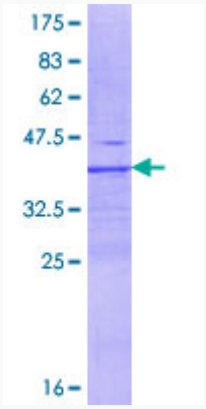
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45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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