

## Human 1PFQ

**Cat. No.** DPP4-3739H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native protein purified from human placenta.
<b>Species</b>	Human
<b>Description</b>	Dipeptidyl peptidase-4 (DPP4), also known as adenosine deaminase complexing protein 2 or CD26 (cluster of differentiation 26) is a protein that, in humans, is encoded by the DPP4 gene.
<b>Form</b>	Lyophilized from 29.1 µl 2 mM Tris-HCl, pH 8.0.
<b>Research topic</b>	Diabetology-Other Relevant Products; Oncology
<b>Purity</b>	>95%
<b>Reconstitution</b>	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
<b>Applications</b>	Biologically active protein
<b>Storage</b>	Store frozen protein at min. -20°C. The protein remains stable until the expiry date when stored at -20°C.
<b>Pathways</b>	Diabetes pathways; Incretin Synthesis; Integration of energy metabolism; Protein digestion and absorption; Regulation of Insulin Secretion; Synthesis

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## GENE INFORMATION

**Gene Name** DPP4 dipeptidyl-peptidase 4 [ Homo sapiens ]

**Official Symbol** DPP4

**Synonyms** DPP4; dipeptidyl-peptidase 4; CD26; ADABP; ADCP2; DPPIV; TP103; dipeptidyl peptidase 4; ADCP-2; DPP IV; OTTHUMP00000162936; dipeptidylpeptidase 4; dipeptidyl peptidase IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); EC 3.4.14.5; Dipeptidyl peptidase 4; Adenosine deaminase complexing protein 2; Dipeptidyl peptidase IV

**Gene ID** 1803

**mRNA Refseq** NM\_001935

**Protein Refseq** NP\_001926

**MIM** 102720

**UniProt ID** P27487

**Chromosome Location** 2q23-qter

**Function** aminopeptidase activity; collagen binding; dipeptidyl-peptidase activity; peptidase activity; peptide binding; protease binding; protein binding; protein homodimerization activity; receptor activity; receptor binding; serine-type endopeptidase activity; serine-type peptidase activity

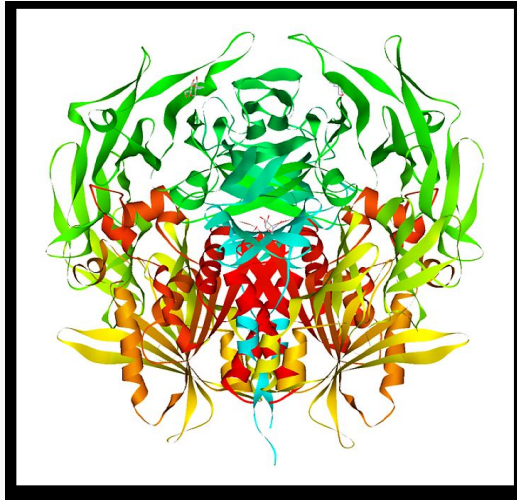
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