Human 1PFQ

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

SPECIFICATION

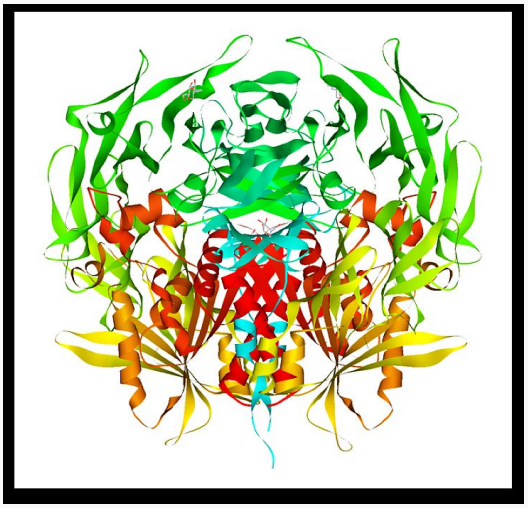
Product Overview	Native protein purified from human placenta.
Species	Human
Description	Dipeptidyl peptidase-4 (DPP4), also known as adenosine deaminase complexing protein 2 or CD26 (cluster of differentiation 26) is a protein that, in humans, is encoded by the DPP4 gene.
Form	Lyophilized from 29.1 μl 2 mM Tris-HCl, pH 8.0.
Research topic	Diabetology-Other Relevant Products; Oncology
Purity	>95%
Reconstitution	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.
Applications	Biologically active protein
Storage	Store freezed protein at min. -20°C. The protein remains stable until the expiry date when stored at -20°C.
Pathways	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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