

Active Recombinant Human DPP4 protein

Cat. No. DPP4-270H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DPP4 protein(Asn 29 - Pro 766) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-766 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM HEPES, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Gly-Pro-7-amido-4-methylcoumarin (GP-AMC). The specific activity is >11000 pmol/min/g.
Molecular Mass	This protein carries no "tag" The protein has a calculated MW of 85.5 kDa. The protein migrates as 90-116 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asn29-Pro766
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name DPP4 dipeptidyl-peptidase 4 [Homo sapiens]

Official Symbol DPP4

Synonyms

DPP4; dipeptidyl-peptidase 4; ADCP2, adenosine deaminase complexing protein 2 , CD26, dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); dipeptidyl peptidase 4; DPPIV; ADCP-2; DPP IV; dipeptidylpeptidase 4; dipeptidyl peptidase IV; T-cell activation antigen CD26; adenosine deaminase complexing protein 2; dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2); CD26; ADABP; ADCP2; TP103;


Gene ID 1803

mRNA Refseq NM_001935

Protein Refseq NP_001926

MIM 102720

UniProt ID P27487

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