

Active Recombinant Human DPP4 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. DPP4-783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human DPP4 protein(P27487)(29-766 aa), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-766 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human DPPIV, His Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-DPPIV Antibody, hFc Tag with the EC50 of 7.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 88.27 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

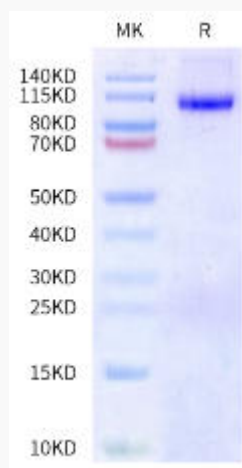
UniProt ID [P27487](#)

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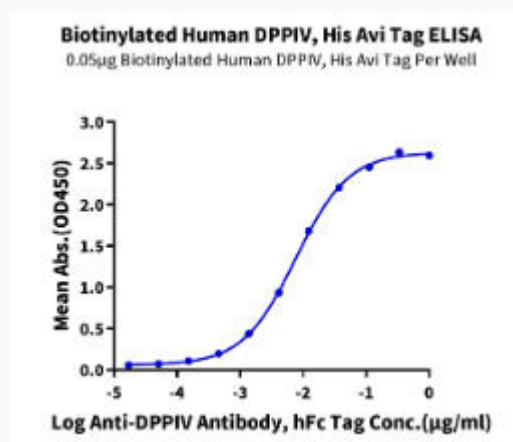
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Bis-Tris PAGE



ELISA Data



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