

Recombinant human DPP4/CD26 protein, C-His (HEK293)

Catalog Number: bs-47083P Concentration: >0.5 mg/ml

AA Seq: 29-766/766

Predicted MW: 90

Detected MW: Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.

Tags: C-His

Activity: Not tested

Endotoxin: <1.0 EU/µg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE

Purification: AC

Form: Lyophilized

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5%

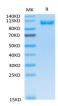
trehalose is added as protectant before Lyophilization. Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: The DPP4 gene encodes dipeptidyl peptidase 4, which is identical to adenosine deaminase

complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic type II transmembrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. Dipeptidyl peptidase 4 is highly involved in glucose and insulin metabolism, as well as in immune regulation. This protein was shown to be a functional receptor for Middle East respiratory syndrome coronavirus (MERS-CoV), and protein modeling suggests that it may play a similar role with SARS-CoV-2, the virus

responsible for COVID-19. [provided by RefSeq, Apr 2020]

VALIDATION IMAGES



Recombinant Human CD26/DPP4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.