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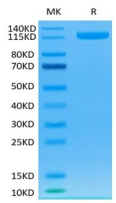
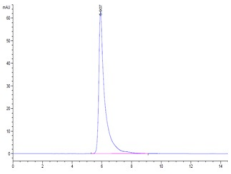
Recombinant human DPP4/CD26 protein, N-hFc (HEK293)

Catalog Number:	bs-47084P
Concentration:	＞0.5 mg/ml
AA Seq:	29-766/766
Detected MW:	Due to glycosylation, the protein migrates to 115-130 kDa based on Tris-Bis PAGE result.
Tags:	N-hFc
Activity:	Not tested
Endotoxin:	<1.0 EU/μg as determined by LAL
Purity:	>95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC
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%.



The purity of Recombinant Human CD26/DPP4 is greater than 95% as determined by SEC-HPLC.