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32-17654: Recombinant Human CD26 Protein, His Tag

Uniprot ID : P27487
Alternative Name : ADABP, ADCP2, CD26, DPPIV, TP103

Description

Molecular Characterization: CD26(Asp34-Pro766) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 85.7 kDa after removal of the signal peptide.The apparent molecular mass of CD26-His is approximately 35-55 kDa due to glycosylation.
Description: Recombinant Human CD26 with C-terminal 6Ã—His tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.