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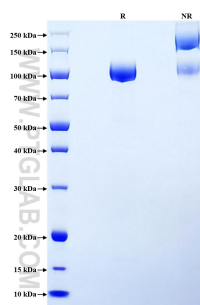
Recombinant Human DPP4/CD26 protein (Myc Tag, His Tag)



Catalog Number: Eg0157

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: Myc Tag, His Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human DPP4 protein Asp34-Pro766 (Accession# P27487) with a Myc tag and a His tag at the C-terminus.</p> <p>GeneID: 1803</p> <p>Accession: P27487</p> <p>Predicted Molecular Mass: 89.9 kDa</p> <p>SDS-PAGE: 90-120 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>CD26, also known as DPP4 (dipeptidyl peptidase-4), is a 110 kDa type II cell-surface glycoprotein widely expressed on T cells, activated B cells, activated NK cells and myeloid cells as well as on epithelial cells, fibroblasts, mesothelium, and endothelial cells of a variety of tissues. It has ecto-enzyme activity in its extracellular domain and cleaves amino-terminal dipeptides with either L-proline or L-alanine at the penultimate position. CD26 plays roles in diverse biological processes such as immunoregulation, glucose homeostasis, and tumorigenesis.</p>		
References	<ol style="list-style-type: none">1. C Morimoto, et al. (1998) Immunol Rev. 161:55-70.2. C Klemann, et al. (2016) Clin Exp Immunol. 185(1):1-21.3. Kelsey Pan, et al. (2021) Cureus. 13(2):e13495.		
Synonyms	CD26, ADABP, ADCP 2, ADCP2, ADCP-2		

Selected Validation Data



Purity of Recombinant Human DPP4 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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