

Cynomolgus/Rhesus macaque DPPIV/CD26 Protein

Cat. No. DPV-CM126

Description

Source	Recombinant Cynomolgus/Rhesus macaque DPPIV/CD26 Protein is expressed from Expi293 with His tag at the N-terminal. It contains Asn29-Pro766.
Accession	XP_005573374/F6VRB0
Molecular Weight	The protein has a predicted MW of 86.11 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

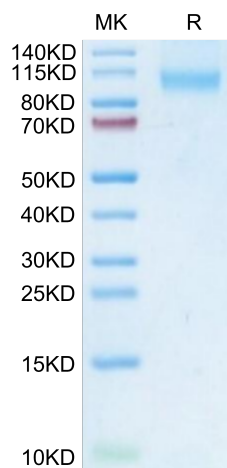
Formulation	Lyophilized from 0.22µm filtered solution in PBS, 100mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

Background

CD26/dipeptidyl peptidase (DPP)IV is a membrane-bound protein found in many cell types of the body, and a soluble form is present in body fluids. There is longstanding evidence that various primary tumors and also metastases express DPPIV/CD26 to a variable extent.

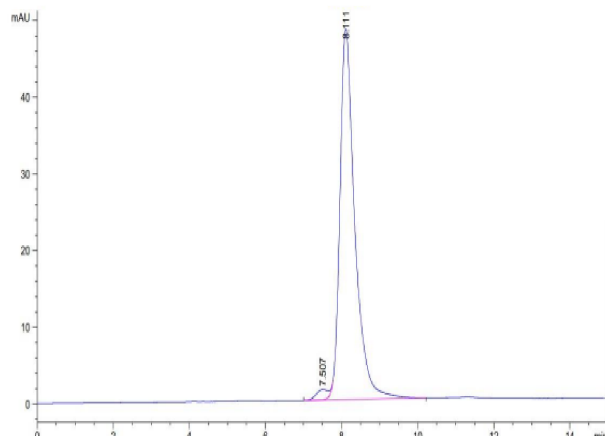
Assay Data

Tris-Bis PAGE



Cynomolgus/Rhesus macaque DPPIV on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus/Rhesus macaque DPPIV is greater than 95% as determined by SEC-HPLC.