

Cynomolgus/Rhesus macaque DPPIV/CD26 Protein

Cat. No. DPV-CM126

Description

Source	Recombinant Cynomolgus/Rhesus macaque DPPIV/CD26 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Asn29-Pro766.
Accession	XP_005573374(Cynomolgus) / F6VRB0(Rhesus macaque)
Molecular Weight	The protein has a predicted MW of 86.11 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS, 20% Glycerol (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize 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.

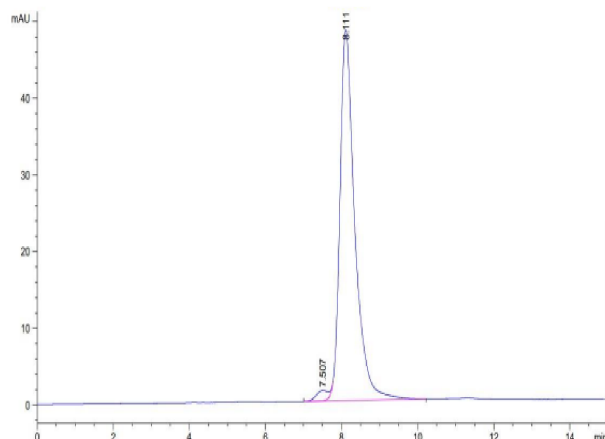
Assay Data

Bis-Tris PAGE



Cynomolgus/Rhesus macaque DPPIV on Bis-Tris 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.

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Assay Data

Bioactivity Data

Measured by its ability to cleave the fluorogenic peptide substrate, Gly-Pro-7-amido-4-methylcoumarin (GP-AMC). The specific activity is > 3500 pmol/min/μg (QC Test).