

Cynomolgus DPP4 / CD26 (Fc Tag) recombinant protein



Catalog Number: 504238

General Information

Gene Name Synonym

Uncharacterized protein

Protein Construction

A DNA sequence encoding the cynomolgus DPP4 (F6VRB0) (Asp34-Pro766) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to cleave the fluorogenic peptide substrate, Gly-Pro-AMC(GP-AMC). The specific activity is > 3, 000 pmoles/min/ μ g.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu

Molecular Mass

The recombinant cynomolgus DPP4 is a disulfide-linked homodimer. The reduced monomer comprises 993 amino acids and has a calculated molecular mass of 112.9 KDa. The apparent molecular mass of the protein is approximately 113 KDa in SDS-PAGE.

Formulation

Lyophilized from sterile 25 mM MES, 0.7 M NaCl, pH 4.9.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

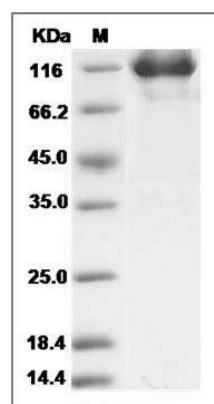
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Cynomolgus DPP4 / DPPIV / CD26 Protein (Fc Tag) SDS-PAGE