

HIV HIV GP36/PDPN (His & MBP Tag) recombinant protein



Catalog Number: 501063

General Information

Gene Name Synonym

Endogenous retrovirus group K member 113 Env polyprotein; Endogenous retrovirus group K member 13-1 Env polyprotein; Endogenous retrovirus group K member 18 Env polyprotein; Endogenous retrovirus group K member 19 Env polyprotein; Endogenous retrovirus group K member 21 Env polyprotein; Endogenous retrovirus group K member 24 Env polyprotein; Endogenous retrovirus group K member 25 Env polyprotein; Endogenous retrovirus group K member 6 Env polyprotein; Endogenous retrovirus group K member 7 Env polyprotein; Endogenous retrovirus group K member 8 Env polyprotein; Endogenous retrovirus group K member 9 Env polyprotein

Protein Construction

A DNA sequence encoding the HIV-2 envelope glycoprotein gp160 (BAM76170.1)(Gln547-Tyr670), termed as gp36, was expressed with the N-terminal polyhistidine-tagged MBP tag at the N-terminus.

Organism

HIV

Expression Host

E. coli

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from

date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant HIV-2 gp36 consists of 524 amino acids and has a predicted molecular mass of 58.8 kDa. The apparent molecular mass of the recombinant protein is approximately 55 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

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

Usage Guide

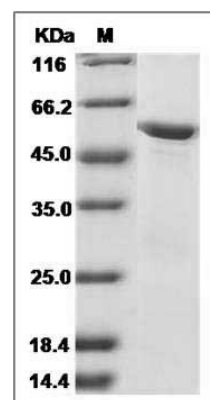
Storage

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



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Human Immunodeficiency Virus type 2 (HIV-2)

GP36 / Glycoprotein 36 Protein (His & MBP Tag)
SDS-PAGE