



PRODUCT SPECIFICATION SHEET

Protein Name: **Recombinant HIV1 gp 41 Antigen**

Catalog No: RP-001

Description: Recombinant human immunodeficiency virus type 1 glycoprotein 41. The protein reacts with antisera from infected individuals (all subtypes).

Concentration: 1-5mg/ml (customizable)

Source: *Escherichia coli* (*E. coli*)

Format: Purified liquid

Buffer: 10mM Tris, pH.8, 1 mM PMSF

PREPARATION:

Expression System: *Escherichia coli* (*E. coli*)

Tag: 6X histidine tag

Purification: His-tag affinity purification by Immobilized metal ion affinity Chromatography

Purity: >95% as determined by SDS PAGE

Molecular Weight: The predicted size of protein is **18 kDa**.

Purity: Determined by SDS-PAGE under reducing conditions and visualized by Coomassie Blue staining

Preservative: None

Application: Suitable for use in Elisa, conjugation and lateral flow. Use optimum working concentration for particular application.

Shipping: Protein is shipped in ice pack.

Storage: It should be aliquoted as per requirement upon arrival to avoid multiple freezing & thawing cycles.

Long term storage: -20°C to -80°C

Short term storage: 2-8°C

Stability: 3 years from the manufacturing date.

Safety note: Refer to the appropriate safety data sheet (SDS) for additional information.

Reconstitution: The protein can be aliquoted and diluted as per requirement.

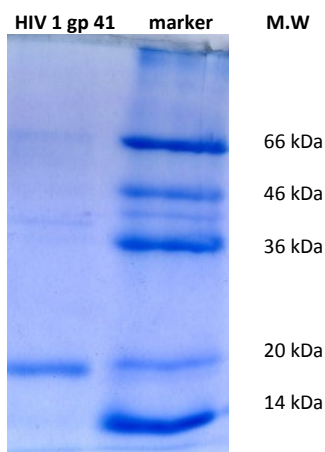


Figure- SDS PAGE Analysis

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