



PRODUCT SPECIFICATION SHEET

Protein Name: Recombinant HIV-1 gp120

Catalog No: RP-002

Description: Recombinant human glycoprotein 120 (gp120) is expressed as insoluble protein in *E.coli*.

Concentration: 1-5mg/ml (customizable)

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

Format: Purified liquid

Buffer: 10mM Tris, pH.7.2, 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

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

Preservative: None

Application: Suitable for use in Elisa 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.

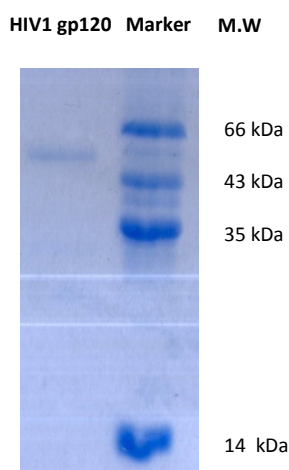


Figure- SDS PAGE Analysis

Molecular Weight: The predicted size of protein is 44 kDa.

This product is furnished for LABORATORY RESEARCH or MANUFACTURING use only.



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