

Certificate of Analysis

Name: Recombinant HIV-1 [HIV-1/Clade E (CM244)] GP120

Product code: HIVCM244-GP120-100

Batch #: C16080212

Description: Recombinant HIV-1 [HIV-1/Clade E (CM244)] GP120, Thr 36 - Lys 511 (Accession # Q4QX31) was produced in human 293 cells (HEK293).

Sequence Strain:

Amount: 100µg

Presentation: Lyophilised

Appearance: White powder

Reconstitution: It is recommended to reconstitute the protein by adding 500ul sterile water to a stock solution of 200µg/ml. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. We recommend the addition of carrier protein (0.1% (w/v) BSA) for further dilution and long term storage.

Concentration: Dependent upon reconstitution volume

Purity: >90% pure by SDS-PAGE

Buffer: DPBS pH 7.4

Usage guidelines

Storage: Store lyophilised product at 4°C for short term, or frozen at -20°C - -80°C for long term.
Product is shipped at ambient temperature

Stability before reconstitution:

At ambient temperature:	1 month
At +4°C:	12 months
At <-20°C:	24 months

Stability after reconstitution:

At -80°C:	3 months
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Freezing: Can be frozen, but avoid multiple freeze/thaw cycles

QC Officer

Date