

## Certificate of Analysis

**Name:** HIV-1 clade O gp140

**Product Code:** REC32082-100 / REC32082-500

**Batch #:** 23120414P

**Date of Manufacture:** 04 Dec 2023

**Product Description:** HIV-1 clade O gp140 produced in HEK293 cells and purified from culture supernatant. The protein contains three amino acid substitutions I499C, I561P, Y606C. In addition, the furin cleavage site was enhanced from "RTHREKR" to "RRRRRR".

The furin processing is partial in HEK293 cells, and the protein is presented as a mix of cleaved and uncleaved protein.

**Expression System:** HEK293

**Accession:** Q77377.1

**Strain/Isolate:** ANT70

**Amino Acids:** 32-664

**Tag:** none

**Expected Molecular Weight:** 72 kDa

**Observed Molecular Weight:** 120 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 0.49 mg/ml

**Purity:** 62%

**Presentation:** Liquid

**Buffer:** DPBS

### **Usage Guidelines**

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**Stability:** n/d

**Freezing:** Can be frozen, but avoid multiple freeze-thaw cycles

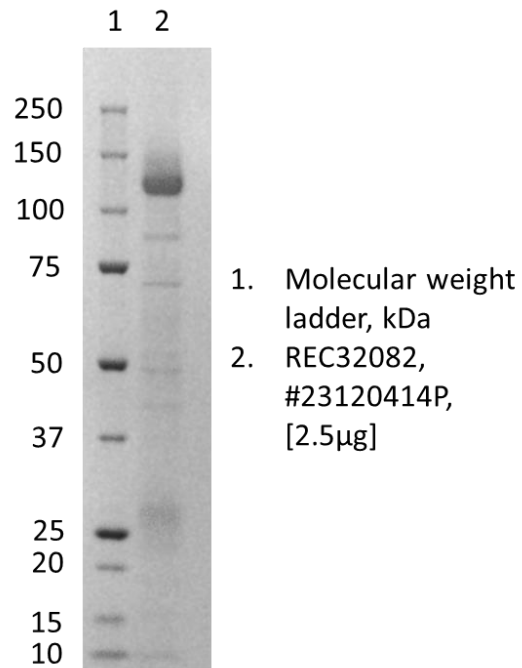
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified HIV-1 clade O gp140.



06/12/2023

X *H. Schuhmann*

QC

Signed by: Holger Schuhmann

06/12/2023

X *Rose*

QA

Signed by: Louise Rose

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**



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The Native Antigen Company is now part of LGC Group.

*Science for a Safer World*