

## Certificate of Analysis

**Name:** Influenza virus (IAV) H5N1 clade 2.3.4.4b hemagglutinin (HA) (EPI3334182), C-terminal T4 foldon-His-tag

**Product Code:** REC32116-100 / REC32116-500

**Batch #:** 24082215P

**Date of Manufacture:** 22 Aug 2024

**Product Description:** Influenza virus (IAV) H5N1 clade 2.3.4.4b hemagglutinin (HA) (EPI3334182), containing a C-terminal T4 foldon-His-tag. This protein was produced in HEK293 cells and purified using affinity chromatography and ion exchange chromatography. More than 60% of the protein is present in a furin-processed form, corresponding to bands at ~52kDa and ~31kDa on a reducing SDS-PAGE.

**Expression System:** HEK293

**Accession:** EPI3334182

**Strain/Isolate:** Influenza virus A H5N1 clade 2.3.4.4b

**Amino Acids:** 1-530

**Tag:** 6xHis-tag, C-terminal

**Expected Molecular Weight:** 65 kDa

**Observed Molecular Weight:** 89 kDa, 52kDa, 31kDa

**Concentration:** 0.78 mg/mL

**Presentation:** liquid

**Buffer:** Dulbecco's PBS, pH 7.4

### **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

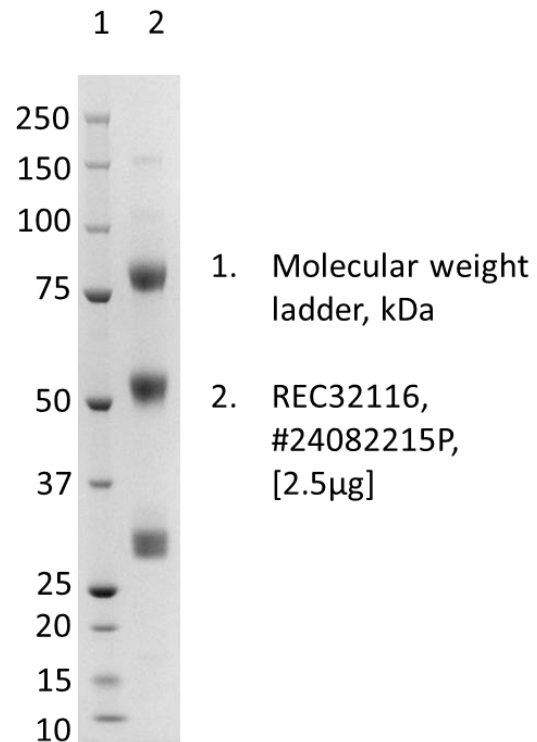
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**SDS-PAGE:** Representative Coomassie-stained reducing SDS-PAGE showing purified Influenza virus (IAV) H5N1 2.3.4.4b hemagglutinin.



23/08/2024

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23/08/2024

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