

## Certificate of Analysis

**Name:** Influenza A [A/swine/Shandong/1207/2016] Hemagglutinin (HA), His-Tag

**Product Code:** REC31892-100 / REC31892-500

**Batch #:** 20091179P

**Description:** Influenza A haemagglutinin protein (ectodomain) expressed in HEK293 cells and purified from culture supernatant by immobilised metal affinity chromatography and buffer exchange. The protein contains a C-terminal His-tag. This virus strain is commonly called G4 reassortant, and contains genes from the 2009 influenza pandemic strain, and bird and pig influenza virus strains. There is evidence that this strain replaced other influenza viruses circulating in pigs in Chinese swine works, and a danger that this strain will become pandemic.

**Expression System:** HEK293

**Accession:** QEM24709.1

**Strain/Isolate:** A/swine/Shandong/1207/2016

**Amino Acids:** 18-529

**Tag:** His-tag, C-terminus

**Expected Molecular Weight:** 58 kDa

**Observed Molecular Weight:** 72 kDa

**Amount:** 0.1 mg / 0.5 mg

**Concentration:** 1.50 mg/ml

**Purity:** >95%

**Presentation:** Liquid

**Buffer:** Dulbecco's phosphate buffered saline pH7.4

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

**General Storage Conditions:** Avoid multiple freeze-thawing cycles.



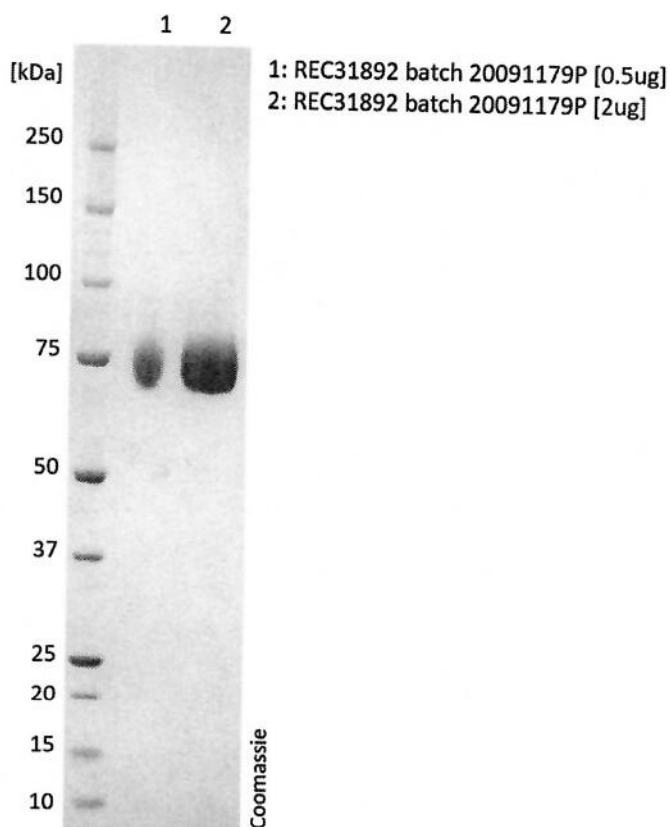
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**SDS-PAGE:** Coomassie-stained reducing SDS-PAGE showing purified Influenza A [A/swine/Shandong/1207/2016] Hemagglutinin (HA).



*R. Hill*

22-SEP-2020

QC Officer

Date

**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*