



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## HA1 (aa 17-341)(A/gyrfalcon/Washington/41088-6/2014)(H5N8)

Catalogue Number: IA-H5-058P, 50 ug

### Introduction

Influenza hemagglutinin (HA) is a type of hemagglutinin found on the surface of the influenza viruses. HA is an antigenic glycoprotein, like all other hemagglutinins, it causes red blood cells to agglutinate. HA is responsible for binding the virus to the cell that is being infected. HA proteins bind to cells with sialic acid on the membranes, such as cells in the upper respiratory tract or erythrocytes.

HA is a homotrimeric integral membrane glycoprotein. HA monomer is synthesized as a single polypeptide that is subsequently cleaved into two smaller polypeptides, the HA1 and HA2 subunits. Each HA monomer consists of a long, helical chain anchored in the membrane by HA2 and topped by a large HA1 globule.

### Description

Viral protein purified from 293 cell culture

### Viral Protein

C-terminal 6xHis tagged Hemagglutinin (amino acid 17-341)(H5N8) (A/gyrfalcon/Washington/41088-6/2014) (GenBank accession# AJE30333)

### Applications

Western blot standard, antibody ELISA, antigen, etc

### Storage

Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.

### Concentration

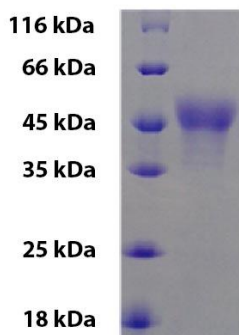
1 µg/µl in PBS with 20 % glycerol, 0.1% sodium azide

### Endotoxin Level

<0.01 EU per 1 µg of the protein by LAL test

### Purity

>95% pure by 10% SDS PAGE gel



**SDS-PAGE:** purified HA1 (H5N8)(A/gyrfalcon/Washington/41088-6/2014) protein

### Reference:

1. Ip HS etc. Novel eurasian highly pathogenic avian influenza a h5 viruses in wild birds, washington, USA, 2014. Emerg. Infect. Dis. 21: 886-890, 2015.

### Recombinant HA1 (aa 17-341)(H5N8)(A/gyrfalcon/Washington/41088-6/2014) protein Sequence:

```
(17)DQIC IGYHANNSTK QVDTIMEKNV TVTHAQDILE KTHNGKLCDL NGVKPLILKD CSVAGWLLGN PMCDEFIRVP
EWSYIVERAN PANDLCYPGT LNDYEELKHL LSRINHFEXT LIIPRSSWPN HETSLGVSA CPYQGASSFF RNVVWLIKKN
DAYPTIKISY NNTNRELLI LWGIHHSNNA AEQTNLYKNP DTYSVGTST LNQRLVPKIA TRSQVNGQSG RMDFFWTILK
PNDAIHFESN GNFIAPYAY KIVKKGSTI MKSEMEYGHC NTKCQTPIGA INSSMPFHNI HPLTIGECPK YVKSNNKLVLA
TGLRNSPLRE R(341)
```