



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## HA (H3N2)(A/Texas/50/2012)(aa 17-529)

CATALOG NUMBER: IA-H3-050WP, 50 µg

### 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 produced from HEK 293 cells

### Viral Protein

C-terminal 6xHis tagged Hemagglutinin (amino acid 17-529)(H3N2)(A/Texas/50/2012) (GenBank accession# AGL07159.1)

### 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

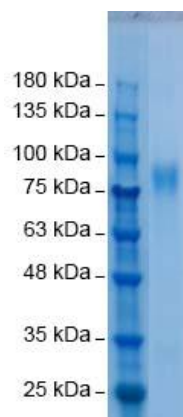
1 µg/µl in PBS with 20 % glycerol, 0.1% sodium azide

### 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 HA (H3N2)(A/Texas/50/2012) protein

**Reference:**

1. Shcherbik SV, et al. Rapid strategy for screening by pyrosequencing of influenza virus reassortants--candidates for live attenuated vaccines. PLoS One. 9:e92580, 2014.

**Recombinant HA (A/Texas/50/2012/H3N2) protein Sequence:**

(17) QKLP GNDNSTATLC LGHHAVPNGT IVKTITNDRI EVTNATELVQ NSSIGEICDS PHQILDGENC TLIDALLGDP  
QCDGFQNKKW DLFVERSKAY SNCYPYDVPD YASLRSLVAS SGTLEFNES FNWNGVTQNG TSSACIRRSN NSFFSRLNWL  
THLNFKYPAL NVTMPNNEQF DKLYIWGVHH PGTDKQIFL YAQPSGRITV STKRSQQAVI PNIGSRPRIR NIPSRISIW  
TIVKPGDILL INSTGNLIAP RGYFKIRSGK SSIMRSDAPI GKCKSECITP NGSIPNDKPF QNVNRITYGA CTRYVKQSTL  
KLATGMRNVP EKQTRGIFGA IAGFIENGWE GMVDGWYGFH HQNSEGRGQA ADLKSTQAAI DQINGKLNRL IGKTNEKFHQ  
IEKEFSEVEG RIQDLEKYVE DTKIDLWSYN AELLVALENQ HTIDLTDSEM NKLFEKTKKQ LRENAEDMGN GCFKIYHKCD  
NACIGSIRNG TYDHDVYRDE ALNNRFQIKG VELKSGYKD (529)