

H15N8 HA (His Tag) recombinant protein



Catalog Number: 503874

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Val 534) of the influenza A H15N8 hemagglutinin (A/duck/AUS/341/1983 (H15N8)) (ABB88132.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.

Organism

H15N8

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to agglutinate human red blood cells.

HA titer is 4-20 µg/mL for 1% HRBC.

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Asp 19

Molecular Mass

The secreted recombinant influenza A H15N8 HA (A/duck/AUS/341/1983 (H15N8)) comprises 527 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

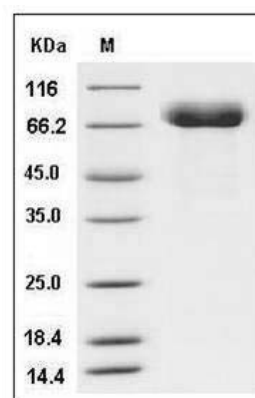
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Influenza A H15N8 (A/duck/AUS/341/1983)
Hemagglutinin / HA Protein (His Tag) SDS-PAGE