
Product Data Sheet

Product Name: Anhui H7N9

Cat. No.: GP26444

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms Hemagglutinin, Influenza A virus (A/Anhui/1-BALF_RG45/2013(H7N9) hemagglutinin, HA, Hemagglutinin HA1 chain, Hemagglutinin HA2 chain

Amino Acid Sequence
 ADLDKICLGH HAVSNGTKVN TLTERGVEVV NATETVERTN IPRICSKGKR
 TVDLGQCGLL GTITGPPQCD QFLEFSADLI IERREGSDVC YPGKFNVEEA
 LRQILRESGG IDKEAMGFTY SGIRTNGATS ACRRSGSSFY AEMKWLLSNT
 DNAAFPQMTK SYKNTRKSPA LIVWGIHHSV STAEQTKLYG SGNKLVTVGS
 SNYQQSFVPS PGARPQVNGL SGRIDFHWM LNPNDTVTFS FNGAFIAPDR
 ASFLRGKSMG IQSGVQVDAN CEGDCYHSGG TIISNLPFQN IDSRAVGKCP
 RYVKQRSLLL ATGMKNVPEI PKGRHHHHHH

Formulation The Anhui H7N9 solution (1mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

Introduction

Hemagglutinin-Influenza A Virus H7N9 Anhui 2013 (Anhui H7N9) is a part of the influenza viruses hemagglutinin family. H7N9 Anhui is an antigenic glycoprotein which is responsible for binding the virus to the infected cell. An H7N9 virus was first reported to have infected humans in March 2013, in China. Although the risk is low, The H7N9 virus has the greatest potential compared with other influenza A viruses to cause a pandemic because like other type A viruses, it is not easily transmitted between people in its current form.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Anhui H7N9 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 330 amino acids (19-339 aa) and having a molecular mass of 36 kDa. Anhui H7N9 is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

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