

Datasheet for ABIN1098599

Influenza Hemagglutinin HA1 Chain (HA1) protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Origin:	Influenza A Virus H1N1
Virus Strain:	A/New York/3571/2009
Source:	Hi-5 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)

Product Details

Purification:	purified by using conventional chromatography.
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Abstract:	HA1 Products
Target Type:	Influenza Protein
Background:	HA1 (hemagglutinin1) belongs to the influenza viruses hemagglutinin family. Influenza hemagglutinin (HA) or haemagglutinin is a type of hemagglutinin found on the surface of the influenza viruses. It is an antigenic glycoprotein. It is responsible for binding the virus to the cell that is being infected. HA protein has two functions. Firstly, it allows the recognition of target

Target Details

vertebrate cells, accomplished through the binding of these cells' sialic acid-containing receptors. Secondly, once bound it facilitates the entry of the viral genome into the target cells by causing the fusion of host endosomal membrane with the viral membrane. Recombinant Influenza A virus (A/ New York/3571/2009 (H1N1)) HA1 protein, fused to His-tag at C-terminus, was expressed in Hi-5 cell using baculovirus expression system and purified by using conventional chromatography.

Molecular Weight: 37.8kDa (339aa)

Application Details

Comment: Synonyms: hemagglutinin, Influenza A virus (A/New York/3571/2009 H1N1) haemagglutinin

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images

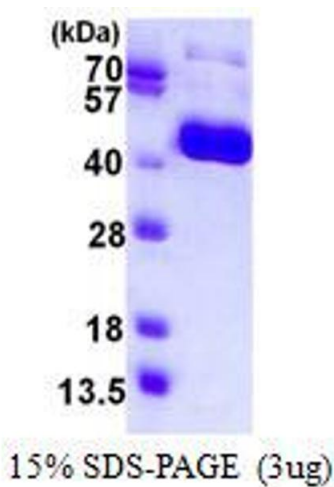


Image 1.