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Datasheet for ABIN1098607 Influenza Hemagglutinin HA1 Chain (HA1) protein (His tag)



1 Image

Overview

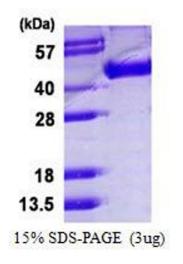
Quantity:	50 µg
Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Origin:	Influenza A Virus H5N1
Virus Strain:	A/Vietnam/HN31242/2007
Source:	Hi-5 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS)
Product Details	
Purification:	purified by using conventional chromatography.
Purity:	> 90 % by SDS - PAGE
Target Details	
Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Abstract:	HA1 Products
Target Type:	Influenza Protein
Background:	H5N1/HA (hemaggulutinin1) 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

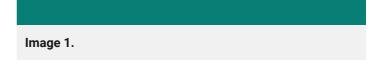
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Target Details

	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/Viet Nam/HN31242/2007(H5N1)) 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:	37.4 kDa (332aa)
Application Details	
Comment:	Synonyms: Hemagglutinin, Influenza A virus (A/Vietnam/HN31242/2007H5N1) haemagglutinin
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/ml (determined by BCA 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





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