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Datasheet for ABIN7488942

**Hemagglutinin Protein (HA) (His tag)**

## Overview

Quantity:	100 µg
Target:	Hemagglutinin (HA)
Origin:	Influenza Virus
Virus Strain:	A/Darwin/6/2021
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Hemagglutinin protein is labelled with His tag.

## Product Details

Purpose:	Influenza A [A/Darwin/6/2021 (H3N2)] Hemagglutinin (HA) Protein, His Tag (MALS verified)
Sequence:	Gln 17 - Ile 531
Characteristics:	Influenza A [A/Darwin/6/2021 (H3N2)] HA Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Gln 17 - Ile 531 (Accession # EPI_ISL_3534319).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

## Target Details

Target:	Hemagglutinin (HA)
Alternative Name:	Hemagglutinin ( <a href="#">HA Products</a> )

## Target Details

Target Type:	Influenza Virus
Background:	Neuraminidase (NA) and hemagglutinin (HA) are major membrane glycoproteins found on the surface of influenza virus. Hemagglutinin binds to the sialic acid-containing receptors on the surface of host cells during initial infection and at the end of an infectious cycle. Hemagglutinin also plays a major role in the determination of host range restriction and virulence. As a class I viral fusion protein, hemagglutinin is responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane.
Molecular Weight:	63 kDa

## Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 63 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	PBS
Storage:	-20 °C
Storage Comment:	-20°C