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Datasheet for ABIN7489038

Influenza Hemagglutinin HA1 Chain (HA1) protein (His tag)

Overview

Quantity:	100 µg
Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Origin:	Influenza Virus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Influenza A [A/guinea fowl/Hong Kong/WF10/99(H9N2)] Hemagglutinin 1 (HA1) Protein, His Tag (MALS verified)
Sequence:	Asp 19 - Arg 338
Characteristics:	Influenza A [A/guinea fowl/Hong Kong/WF10/99(H9N2)] HA1 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 19 - Arg 338 (Accession # Q80KD9_9INFA).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	Influenza Hemagglutinin HA1 Chain (HA1)
Alternative Name:	Influenza Hemagglutinin HA1 Chain (HA1 Products)

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:	40.9 kDa

Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 40.9 kDa. The protein migrates as 55-65 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