Datasheet for ABIN5662668

Influenza A Virus Neuraminidase Protein (NA) (His tag)

Go to Product page

Overview

Quantity:	0.1 mg
Target:	Influenza A Virus Neuraminidase (NA)
Origin:	Influenza A Virus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Influenza A Virus Neuraminidase protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Characteristics:	Measured by its ability to cleave a fluorogenic substrate, 2'-(4-Methylumbelliferyl)-α-D-N-acetylneuraminic acid. One unit is defined as the amount of enzyme required to cleave 1 nmole of 2'-(4-Methylumbelliferyl)-α-D-N-acetylneuraminic acid per minute at pH 7. 5 at 37˚,C.
Purity:	>92 % as determined by SDS-PAGE.

Target Details

Target:	Influenza A Virus Neuraminidase (NA)
Alternative Name:	Influenza A Virus Neuraminidase (NA Products)
Target Type:	Influenza Protein
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

Target Details

surface of host cells during initial infection and at the end of an infectious cycle. Neuraminidase, on the other hand, cleaves the HA-sialic acid bondage from the newly formed virions and the host cell receptors during budding. Neuraminidase thus is described as a receptor-destroying enzyme which facilitates virus release and efficient spread of the progeny virus from cell to cell.

Molecular Weight:	46.1 kDa
UniProt:	H8PF47

Application Details

Application Notes:	This recombinant protein can be used for WB. For research use only.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-80 °C,-20 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.