

H3N2/HA, 17-345 aa, Influenza A-H3N2 (human), His tag, Baculovirus

Cat.NO.: TP02390

3th Edition

Synonyms:Hemagglutinin, Influenza A virus (A/Perth/16/2009(H3N2) segment 4 hemagglutinin (HA) gene.

Description:Influenza A virus H3N2 is a subtype of viruses that cause influenza (flu). H3N2 viruses can infect birds and mammals. In birds, humans, and pigs, the virus has mutated into many strains. Hemagglutinin(HA) binds to sialic acid-containing receptors on the cell surface, bringing about the attachment of the virus particle to the cell. It plays a major role in the determination of host range restriction and virulence and 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol

Molecular Weight:37.8kDa (339aa)

Sequences:

ADPMQKLPGNDNSTATLCLGHHAVPNGTIVKTITNDQIEVTNATELVQSSSTGEICDSPHQILDGKNCTLIDALLGDP
QCDGFQNKKWDLFVERSKAYSNCYPYDVPDYASLRSLVASSGTLEFNNEFNWTGVTQNGTSSACIRRSKNSFFS
RLNWLTHLNFKYPALNVTMPNNEQFDKLYIWGVHHPGTDKQIFLYAQASGRITVSTKRSQQTVSPNIGSRPRVRNI
PSRISIWTVKPGDILLINSTGNLIAPRGYFKIRSGKSSIMRSDAPIGKCNSCITPNGSIPNDKPFQNVNRITYGACP
RYVKQNTLKLATGMRNVPEKQTRHHHHH

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.