


Recombinant Influenza A virus HA protein

Cat. No. HA-001I **Lot. No.** (See product label)

SPECIFICATION

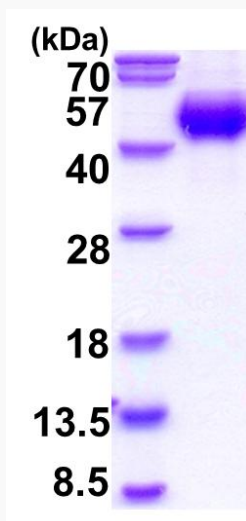


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| Product Overview | Recombinant Influenza A virus (H3N2, canine) HA protein (18-344aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Species | Influenza A virus |
| Source | Insect Cells |
| ProteinLength | 18-344 a.a. |
| Description | H3N2-HA1, also known as hemagglutinin antigen, is a subtype of viruses that causes influenza (flu). H3N2 Viruses can infect birds and mammals. In birds, humans, and pigs, the virus has mutated into many strains. It is increasingly abundant in seasonal influenza. This protein binds to sialic acid receptors on the cell surface, allowing viral particles to attach to cells. It plays an important role in host range restriction and toxicity determination, and mediates the penetration of virus into the cytoplasm by mediating the fusion of endosomal membrane and membrane. |
| Form | Liquid |
| Molecular Mass | 36.9 kDa |
| N-terminal Sequence Analysis | Ala |

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| Endotoxin | < 1.0 EU per 1 µg of protein (determined by LAL method) |
| Purity | > 90% by SDS - PAGE |
| Storage | Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles. |
| Concentration | 0.5 mg/mL (determined by Absorbance at 280nm) |
| Storage Buffer | In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol. |
| Warning | For research use only. This product is not intended or approved for human, diagnostics or veterin |
| AA Sequence | ADPNLPGNENNAATLCLGHHAVPNGTIVKTITDDQIEVTNATELVQNSSTGKICNNPH KILDGRDCTLIDALLGDPHCDVFQNETWDLFVERSNAFSCYPYDVPDYASLRSIVA SSGTLEFITEGFTWAGVTQNGGSGACKRGPANGFFSRLNWLTKSGNTYPVLNVMT PNNNNFDKLYIWGVHHPSTNQEQTSLYIQASGRVTVSTRRSQQTIIPNIGSRPLVRG QSGRISVYWTIVKPGDVLVINSNGNLIAPRGYFKMRIGKSSIMRSDAPIDTCISECITP NGSIPNEKPFQNVNKITYGACPKYVKQNTLKLATGMRNVPEKQTHHHHHH |

SDS-PAGE15% SDS-PAGE (3 μ g) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA