H5N1 HA (His & Fc Tag) recombinant protein

Catalog Number: 501698

General Information

Protein Construction

A DNA sequence encoding the extracellular domain of hemagglutinin (Influenza A virus (A/Viet Nam/1203/2004 (H5N1)) (AAW80717.1) (Met 1-Gln 531) with cleavage site mutated (RERRRKKR?TETR,HA1+HA2,uncleaved) was fused with the C-terminal polyhistidine-tagged Fc region of mouse IgG1 at the C-terminus.

Organism

H5N1

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Predicted N terminal

Asp 17

Molecular Mass

Recombinant HA/mFc is a disulfide-linked homodimeric protein. The reduced monomer consisting of 754 amino acids has a calculated molecular mass of 85.7 kDa. As a result of glycosylation, the HA/mFc monomer migrates as an approximately 110-120 kDa protein in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 100mM NaAc, 10mM NaCl, 200mM Tris, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

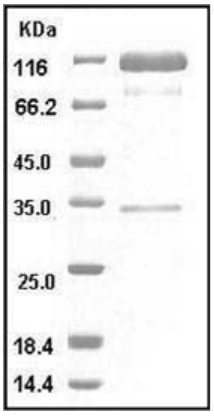
Storage

Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Influenza A H5N1 (A/VietNam/1203/2004) Hemagglutinin / HA Protein (His & Fc Tag) SDS-PAGE