Influenza B (B/Hong Kong/05/1972) Hemagglutinin / HA1 Protein (His Tag)

Catalog Number: 40461-V08H1

General Information

Gene Name Synonym:
HA

Protein Construction:
A DNA sequence encoding the Influenza B virus (B/Hong Kong/05/1972) hemagglutinin (ABF21280.1) (Met1-Arg359), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

Source: Influenza B

Expression Host: HEK293 Cells

QC Testing

Purity: > 95% as determined by SDS-PAGE.

Endotoxin:
< 1.0 EU per μg protein as determined by the LAL method.

Stability:
Samples are stable for up to twelve months from date of receipt at -70 °C.

Predicted N terminal: Asp 16

Molecular Mass:
The recombinant HA1 subunit of the Influenza B virus (B/Hong Kong/05/1972) hemagglutinin consists of 355 amino acids and predicts a molecular mass of 38.6 kDa.

Formulation:
Lyophilized from sterile PBS, pH 7.4.

Normally 5% - 8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References