

CV CAV-VP1 recombinant protein (C-human IgG1-Fc)



Catalog Number: 514802

General Information

Protein Construction

A DNA sequence encoding the VP1 of Coxsackievirus A16 (Cox A16) (strain G-10) (AAA50478.1) (Gly568-Lys862) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

CV

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 85 % 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

Gly 568

Molecular Mass

The recombinant VP1 of Coxsackievirus A16 (Cox A16) (strain G-10) consists of 533 amino acids and

predicts a molecular mass of 59.5 kDa.

Formulation

Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, pH 7.0.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

Usage Guide

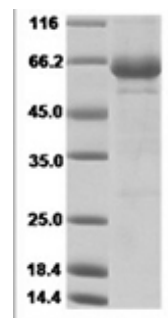
Storage

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

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE



CV Coxsackievirus A16 VP1 Protein 15334