

## Recombinant Coxsackievirus HEVAgp1 Protein, Fc-tagged

Cat. No. HEVAgp1-307C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant 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.
<b>Species</b>	CV
<b>Source</b>	Insect Cells
<b>Protein Length</b>	Gly568-Lys862
<b>Predicted N Terminal</b>	Gly 568
<b>Form</b>	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, pH 7.0. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Official Symbol** HEVAgp1

**Synonyms** HEVAgp1;genome polyprotein;VP4 (1A);VP2 (1B);VP3 (1C);VP1 (1D);protease 2A;protien 2B;protein 2C;protein 3A;3B;protease 3C;3D

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