

Recombinant CV VP1 protein, Fc-tagged

Cat. No. VP1-2176C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant CV VP1 protein(AAA50478.1)(Gly568-Lys862), fused with Fc tag, was expressed in Insect Cells.
Species	CV
Source	Insect Cells
ProteinLength	Gly568-Lys862
Form	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.
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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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