

Recombinant SIV (isolate SIVmac251v31523ru28) GP120 Protein, His-tagged

Cat. No. GP120-789V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Simian immunodeficiency virus (SIV)(isolate SIVmac251v31523ru28) envelope glycoprotein gp160 Protein(gp120 subunit) (ADH04463.1) (Glu1-Arg461) was expressed with a polyhistidine tag at the C-terminus.
Species	SIV
Source	HEK293
ProteinLength	1-461 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant (SIV)(isolate SIVmac251v31523ru28) envelope glycoprotein gp160 Protein(gp120 subunit) consists 472 amino acids and predicts a molecular mass of 54.6 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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