

Recombinant Rift Valley fever virus (RVFV) (strain MP12) G protein(Pro156-Thr581), His-tagged

Cat. No. G-3316V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rift Valley fever virus (RVFV) (strain MP12) GP (ABD38821.1) (Pro156-Thr581) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	RVFV
Source	Insect Cells
ProteinLength	Pro156-Thr581
Form	Lyophilized from sterile 20 mM PB, 300 mM NaCl, pH 7.0, 10 % gly. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rift Valley fever virus (RVFV) (strain MP12) GP consists of 437 amino acids and predicts a molecular mass of 47.8 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.

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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.

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