Recombinant RVFV GC Protein (Cys691-Ser1139) (Strain MP12), His-tagged

Cat. No. GC-707R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant RVFV GC Protein (strain MP12) (ABD38821.1) (Cys691-Ser1139) was produced by Baculovirus-Insect Cells expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
Species	RVFV
Source	Insect Cells
ProteinLength	Cys691-Ser1139
Predicted N Terminal	His
Form	Lyophilized from sterile 20mM Tris,150mM NaCl, pH 8.0,10% glycerol. 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) Gc consists of 459 amino acids and predicts a molecular mass of 50.1 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4℃ before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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