

Recombinant Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) G protein(Glu502-Gln650), mFc-tagged

Cat. No. G-1326E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP (AHX24649.1) (Glu502-Gln650) was expressed in HEK293 with the Fc region of Mouse IgG1 at the N-terminus.
Species	Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15)
Source	HEK293
ProteinLength	Glu502-Gln650
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) G P consists 383 amino acids and predicts a molecular mass of 43.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % 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.

GENE INFORMATION

Official Symbol G

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