Recombinant Ebola virus EBOV (subtype Zaire, strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP protein(Met1-Gln650), His-tagged

Cat. No. GP-3319E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zaire ebolavirus(strain H.sapiens-wt/GIN/2014/Kissidougou-C15) GP (AHX24649.1) (Met1-Gln650, with the deletion of Thr309-Asn484) was expressed in HEK293 with the bacteriophage T4 fibritin and a polyhistidine tag at the C-terminus.
Species	EBOV
Source	HEK293
ProteinLength	Met1-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) GP consists 485 amino acids and predicts a molecular mass of 54.8 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % 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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