

Recombinant EBOV (subtype Zaire, strain Kikwit-95) GP protein, His-tagged

Cat. No. GP-1510E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant EBOV (subtype Zaire, strain Kikwit-95) GP protein(Ile33-Asp637), fused with His tag, was expressed in HEK293.
Species	EBOV
Source	HEK293
ProteinLength	33-637 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Molecular Mass	Ebolavirus EBOV (subtype Zaire, strain Kikwit-95) GP, His Tag, containing GP1 and GP2, is fused with a polyhistidine tag at the C-terminus, and has a calculated MW of 67.2 kDa. The reducing (R) protein migrates as 21-23 kDa (GP2-delta) and 110-120 kDa (GP1) in SDS-PAGE.
Proteinlength	Ile33-Asp637
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>85% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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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