

Recombinant EBOV (subtype Sudan, strain Gulu) VP40 Protein, His-tagged

Cat. No. VP40-807V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant VP40 (YP_138522.1) (Val31-Lys326) was expressed with a polyhistidine tag at the N-terminus.
Species	EBOV
Source	E.coli
ProteinLength	31-326 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 50 mM Tris, 500 mM NaCl, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant VP40 consists 314 amino acids and predicts a molecular mass of 34.5 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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