

# Recombinant EBOV (subtype Bundibugyo, strain Uganda 2007) VP40 / RPES6903

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES6903

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Contents:** 100µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** EBOV

**Endotoxin:** Please contact us for more information.

**Synonyms:** EBOV VP40, MatrixVP40

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** N-His

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Not validated for activity

**Calculated MW:** 34.4 kDa.

**Formulation:** Lyophilized from sterile 50 mM Tris, 50 mM NaCl, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** -

**Reconstitution:** Please refer to the printed manual for detailed information.

**Accession:** YP\_003815434.1

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in

**Source:** E.coli-derived EBOV EBOV  
(subtype Bundibugyo, strain Uganda 2007)  
VP40 / Matrix protein Ala31-Lys326, with  
an N-terminal His

**Sequence:** Ala31-Lys326

**Form:** Lyophilized powder

this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.