

## Recombinant EBOV VP40 protein(Met1-Lys326), His&MBP-tagged

**Cat. No.** VP40-808V    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Sudan ebolavirus(strain Gulu) VP40 (YP_138522.1) (Met1-Lys326) was expressed in E. coli with a N-terminal polyhistidine tag followed by a MBP tag.                                                                                  |
| <b>Species</b>          | EBOV                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Lys326                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile 50 mM Tris, 500 mM NaCl. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                      |
| <b>Molecular Mass</b>   | The recombinant Sudan ebolavirus(strain Gulu) VP40 consists 723 amino acids and predicts a molecular mass of 79.1 kDa.                                                                                                                          |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>          | 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. |
| <b>Reconstitution</b>   | 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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