



# Sudan virus VLP (GP, NP, VP40 Proteins)

Catalog: CBS-V064

## PRODUCT INFORMATION

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Product Name   | Sudan virus VLP (GP, NP, VP40 Proteins)                          |
| Catalog Number | CBS-V064                                                         |
| Source         | Insect cell recombinant                                          |
| Virus Name     | Sudan virus                                                      |
| Virus Family   | Filoviridae                                                      |
| Composition    | glycoprotein (GP), nucleoprotein (NP), and matrix protein (VP40) |
| Purity         | >95% by SDS-PAGE                                                 |
| Presentation   | PBS (supplemented with glycerol, arginine and glutamic acid)     |
| Description    | glycoprotein (GP), nucleoprotein (NP), and matrix protein (VP40) |

## USAGE GUIDELINES

|                  |                                                                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Handling | Avoid excessive mixing or vortexing to prevent aggregation.<br>Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use. |
| Storage          | <b>Short term:</b> +2°C to +8°C (up to 1 week)<br><b>Long term:</b> -80°C (stable for 12 months)                                                        |
| Stability        | Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.                                                                                       |

**Freeze / Thaw**

Can be frozen, but limit to 3 freeze/thaw cycles to maintain particle integrity.

**Important:** This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.