

Recombinant Sudan Virus Glycoprotein, HA tagged

Cat. No. GP-14S Lot. No. (See product label)

SPECIFICATION

Product Overview Mature, recombinant, HA-tagged Sudan virus Glycoprotein minus the transmembrane domain (SUDV rGPΔTM) is supplied as purified protein. SUDV rGPΔTM is produced in mammalian cells and is purified by FPLC.

Species Sudan Virus

Source HEK293

Description The Ebola virus (EBOV) is a mononegavirus which contains a 19 kb single-strand RNA encoding seven proteins. Rates of genetic change of ebolavirus are 100 times slower than influenza A in humans, but on the same magnitude as those of hepatitis B. The main Ebolavirus glycoprotein (GP) is the only viral protein found on the surface of the Ebola virion and is therefore responsible for mediating attachment and entry of the virus into host cells. The produced GP protein (~120 kDa) is derived from the sequence of a recent Sudan Ebolavirus from Uganda in 2011.

Form Liquid

Applications ELISA, Western Blot

Storage Store at -20 centigrade for 2-3 weeks; -80 centigrade for long-term.

Concentration Batch dependent within range: 100 µg at 0.3-3 mg/mL

Storage Buffer Supplied in PBS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Official Symbol GP

Synonyms GP; Glycoprotein

SDS-PAGE

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