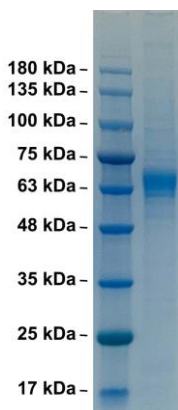


Membrane Glycoprotein G2 of Phlebovirus (SFTS virus HN6)

CATALOG NUMBER: PV-GP-50p

Introduction	The SFTS virus is a tick-borne phlebovirus in the order Bunyvirales. SFTS virus contains a negative-sense RNA genome consisting of three segments. The small segment (S) encodes for the viral N protein and a non structural protein; the medium-sized segment (M) encodes for a precursor of the viral glycoproteins (Gn and Gc); and the largest segment (L) encodes the RNA-dependent RNA polymerase. The Gn and Gc glycoproteins were earlier referred to as G1 and G2 based on apparent size on gel electrophoresis.
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	6x his-tagged recombinant viral protein expressed and purified from 293 cells
Viral Protein	C-terminal 6xHis tagged Phlebovirus membrane glycoprotein G2 (amino acid 563-1035)(SFTS virus HN6) (GenBank No. ADZ04490)
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Concentration	50 µg (1 mg /ml) in PBS
Endotoxin Level	<0.1 EU per 1 µg of the protein by LAL test
Purity	≥ 95% purity by SDS-PAGE gel



SDS-PAGE: purified Phlebovirus glycoprotein G2 (SFTS virus HN6)

Recombinant Phlebovirus (SFTS virus HN6) G2 (aa 563-1035) SEQ:

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CDEMVDHADSKLVSCRQGSNGMKECVTTGRALLPAVNPQGQEAHLFTAPGSPDCKLKIIVKTRINLKCKKSSSYFVPDARSRCTSVRRC
RWAGDCQSGCPPHFTSNSFSDDWAGKMDRAGLGFSGCSDGCGGAACGCFNAAPSCIFWRKWWENPHGIIWKVSPCAAWVPSAVIELTM
PSGEMRTFHPMSGIPTQVFKGVSVTYLGS DMEVSGLTDLCEIEELKSKKLALAPCNQAGMGVVGKVGVEIQCSSEESARTIKKDGCIWN
ADLVGIELRVDDAVCYSKITSVEAVANYSAIPTTIGGLRFERSHDSQGKISGSPLDITAIRGSFVNYRGLRSLSEITATCTGEVTN
VSGCYSCMTGATVSIKLSKSNSTAHVRCRKGDETAFSVLEGVHSYTVSLSFDHAVVDEQCQLNCGGHESQVTLKGNLIFLDVPKFVDG
SYMQTYHSTVPTGANIPSPDNLNLFNGLSRHHHHHH
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