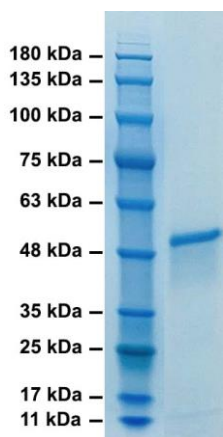


## Membrane Glycoprotein G1 of Phlebovirus (SFTS virus HN6)

CATALOG NUMBER: PV-GP-40p

<b>Introduction</b>	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.
<b>Applications</b>	Western blot standard, antibody ELISA, antigen, etc.
<b>Description</b>	6x his-tagged recombinant viral protein purified from 293 cell culture.
<b>Viral Protein</b>	C-terminal 6xHis tagged Phlebovirus membrane glycoprotein G1 (amino acid 20-452) (SFTS virus HN6) (GenBank No. ADZ04490).
<b>Storage</b>	Store at -20 °C or -70 °C for long term storage; Stable for 3-months at least from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	50 µg (1 µg/µl) in PBS, pH7.4
<b>Endotoxin Level</b>	<0.01 EU per 1 µg of the protein by LAL test
<b>Purity</b>	≥ 90% purity by SDS-PAGE gel



**SDS-PAGE:** purified Phlebovirus glycoprotein G1 (SFTS virus HN6)

### Recombinant Phlebovirus (SFTS virus HN6) G1 (aa 20-452) SEQ

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DSGPIICAGPIHSNKSADIPHLLGYSEKICQIDRLIHVSSWLRNHSQFQGYVGRGGRSQVSYYP AENSYSRW SGLLSPCDA
DWLGMLVVKKAKGSDMIVPGPSYKGVFFERPTFDGYVWGCGSGKSRTESEGLCSDSGTSSGLLPDRVLWIGDVACQPM
TPIPEETFLELKSFSQSEFPDICKIDGIVFNQCEGESLPQPFDVAWMDVGHSHKIIMREHKTKWVQESSSKDFVCYKEGTGP
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CDAVDCTFCRE FLKNPQCYPAKHHHHHHH
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