
Recombinant BVDV E2 protein, Sumo-GST

Catalog Number: bs-20022P

Concentration: >0.5 mg/ml

AA Seq: 1-140/3988

Predicted MW: 45

Detected MW: 45

Tags: Sumo-GST

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Initial binding to target cell probably involves interaction of E(rns) with glycosaminoglycans.

E1 and/or E2 are responsible of cell attachment with CD46 and subsequent fusion after internalization of the virion by endocytosis (Probable).

P7 forms a leader sequence to properly orient NS2 in the membrane.

Uncleaved NS2-3 is required for production of infectious virus.

NS2 protease seems to play a vital role in viral RNA replication control and in the pathogenicity of the virus.

NS3 displays three enzymatic activities: serine protease, NTPase and RNA helicase.

NS4A is a cofactor for the NS3 protease activity.

RNA-directed RNA polymerase NS5 replicates the viral (+) and (-) genome.