

Recombinant NDV HN protein, His

Catalog Number: bs-42007P

Concentration: >0.5 mg/ml

AA Seq: 49-577/577

Predicted MW: 57.7

Detected MW: 65 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

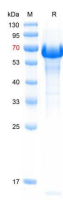
Form: Lyophilized or Liquid

Storage: 4M Urea (pH9.0) with 1mM DDT.

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

Background: The entry of Newcastle disease virus (NDV), a prototype paramyxovirus, is directed by two virion glycoproteins, the hemagglutinin-neuraminidase (HN) protein and the fusion (F) protein. HN protein, the virus attachment protein, binds to sialic acid-containing receptors, and F protein mediates membrane fusion. In contrast to many viral fusion proteins, paramyxovirus F proteins do not require the acid pH of endosomes to activate fusion activity. As a consequence, infected cells expressing both attachment proteins and F proteins can fuse with adjacent cells to form multinuclear cells, or syncytia, a process that is assumed to mimic virus-cell fusion.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.