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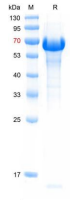
Recombinant NDV HN protein, His

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.