

## Newcastle disease virus (NDV) (strain Chicken/United States/LaSota/46) Hemagglutinin-

### General Information

5)

Synonyms: Hemagglutinin-neuraminidase;HN

Protein Construction: 48-577 aa

Species: Newcastle disease virus

Expression Host: HEK293 Cells

Accession: P35743

Molecular Weight: 60.0 kDa (Predicted)

AA Sequence:

```
MGASTPSDLVGIPTRISRAEEKITSTLGSNQDVVDRIYKQVALESPLALLKTETTIMNAITSLSYQINGAANNNG  
WGAPIHDPDYIGGIGKELIVDDASDVTSFYPSAFQEHLNFIPAPTTGSGCTRIPSFDM SATHYCYTHNVILSGCR  
DHSHSYQYLALGVLRTSATGRVFFSTLRSINLDDTQNRKSCSVSATPLGCDMLCSKVTEETEEEDYNSAVPTRM  
AHGRLGFDGQYHEKDLVDVTTLFGDWVANYPGVGGGSFIDSRVWFSVYGGLKPNSPSDTVQEGKYVIYKRYN  
DTCPEQDYQIRMAKSSYKPRFGGKRIQQAILSIVKSTSLGEDPVLTVPPNTVTLMGAEGRILTVGTSHFLYQ  
RGSSYFSPALLYPMTVSNKTATLHSPYTFNAFTRPGSIPCQASARCPNPCVTGVYTDYPLIFYRNHTLRGVFG  
TMLDGVQARLNPAVFDSTSRSRITRVSSSTKAAAYTTSTCFKVVKTNKTYCLSAIEISNTLFGEFRIVPLLVEIL  
KDDGVREARSG
```

### QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 95% as determined by SDS-PAGE.

Endotoxin: Not tested.

Formulation: Lyophilized from PBS, 6% Trehalose, pH 7.4

### Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 93 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481