Recombinant Newcastle Disease Virus HN Protein (115-473 aa), His-Myc-tagged

Cat. No. HN-2230N **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Newcastle Disease Virus (strain Her/33) (NDV) HN Protein (115-473 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Partial.
Species	NDV
Source	Yeast
ProteinLength	115-473 aa
Description	Attaches the virus to sialic acid-containing cell receptors and thereby initiating infection. Binding of HN protein to the receptor induces a conformational change that allows the F protein to trigger virion/cell membranes fusionNeuraminidase activity ensures the efficient spread of the virus by dissociating the mature virions from the neuraminic acid containing glycoproteins.
Form	Tris-based buffer,50% glycerol
Molecular Mass	42.7 kDa
AA Sequence	NGAANNSGCGAPVHDPDYIGGIGKELIVDDASDVTSFYPSAFQEHLNFIPAPTTGSG CTRIPSFDISATHYCYTHNVILSGCRDHSHSHQYLALGVLRTSATGRVFFSTLRSINL DDNQNRKSCSVSATPLGCDMLCSKITETEEEDYSSVTPTSMVHGRLGFDGQYHEK DLDVITLFKDWVANYPGVGGGSFIDNRVWFPVYGGLKPNSPSDTVQEGRYVIYKRY

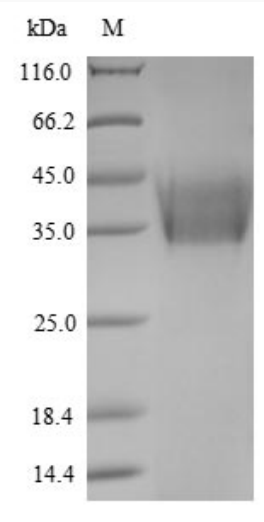
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	NDTCPDEQDYQIRMAKSSYKPGRFGGKRVQQAILSIKVSTSLGEDPVLTIPPNTVTL MGAEGRVLTVGTSHFLYQRGSSYFSPALLYPMTVNNKTATLHSPYTFNAFTRPGSV PCQASARCPNSCVTGVYTDP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	HN hemagglutinin-neuraminidase [Avian avulavirus 1]
Official Symbol	HN
Synonyms	HN;
Gene ID	37627205
UniProt ID	P35741

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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