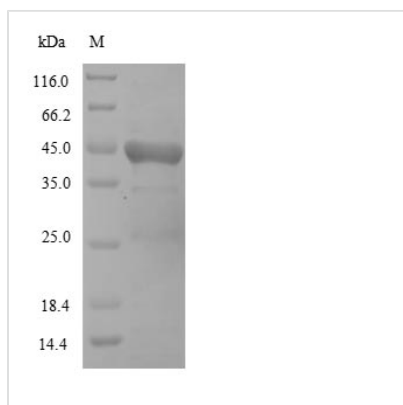




Recombinant Newcastle disease virus Hemagglutinin-neuraminidase (HN),Partial

Product Code	CSB-EP336075NCW1
Relevance	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 fusion Neuraminidase activity ensures the efficient spread of the virus by dissociating the mature virions from the neuraminic acid containing glycoproteins.
Abbreviation	Recombinant Newcastle disease virus Hemagglutinin-neuraminidase protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P35741
Product Type	Recombinant Protein
Immunogen Species	Newcastle disease virus (strain Her/33) (NDV)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	NGAANN SGCGAPVHDPDYIGGIGKELIVDDASDVTSFYPSAFQEHLNFIPAPTT GSGCTRIPSFDISATHYCYTHNVILSGCRDHSQYLALGVLRTSATGRVFFS TLR SINLDDNQNRKSCSVSATPLGCDMLCSKITETEEEDYSSVTPTSMVHGRL GFDGQYHEKDLDVITLFKDWVANYPGVGGGSFIDNRVWFPVYGGGLKPNSPSD TVQEGRYVIYKRYNDTCPDEQDYQIRMAKSSYKPGRFGGKRVQQAILSIVST SLGEDPVLTI PPNTVTLMGAEGRVLTVGTSHFLYQRGSSYFSPALLYPMTVNN KTATLHSPYTFNAFTRPGSVPCQASARCPNSCVTGVYTD P
Research Area	others
Source	E.coli
Target Names	HN
Protein Names	Recommended name: Hemagglutinin-neuraminidase EC= 3.2.1.18
Expression Region	115-473aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	44.2kDa
Protein Length	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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