

Active Recombinant H1N3 (A/duck/NZL/160/1976) HA Protein, His-tagged

Cat. No. HA-336V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Gln 529) of the influenza A Hemagglutinin (A/duck/NZL/160/1976 (H1N3)) (ABB20429.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.
Species	H1N3
Source	HEK293
ProteinLength	1-529 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate human red blood cells. HA titer is 10-40 µg/mL for 1% HRBC.
Molecular Mass	The recombinant influenza A H1N3 (A/duck/NZL/160/1976 (H1N3)) HA comprises 523 amino acids and has a predicted molecular mass of 59 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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