

## Recombinant NiV(strain MCL-25-H-2892, strain MCL-19-BAT-574-4) F protein, His-tagged

Cat. No. F-3322N Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant NiV(strain MCL-25-H-2892, strain MCL-19-BAT-574-4) F protein(QKV44013.1) (Ile27-Asp482) was expressed in HEK293, with a polyhistidine tag at the C-terminus.                                                                        |
| <b>Species</b>          | NiV                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 27-482 aa                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | The recombinant NIV Fusion glycoprotein consists of 467 amino acids and predicts a molecular mass of 51.57 kDa. It migrates as an approximately 59.7 kDa and 46.1 kDa band in SDS-PAGE under reducing conditions.                               |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>           | ≥ 90 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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