

## Recombinant Influenza A H1N1 NA, Fc tagged

Cat. No. NA-308I Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Influenza A H1N1 NA (A/California/04/2009) mature form neuraminidase (ACP41107.1) (His 36-Lys 469), fused with the Fc region of human IgG1 at the N-terminus linked by a peptide linker, was produced in Human Cell.  |
| <b>Species</b>          | H1N1  |
| <b>Source</b>           | Human Cells   |
| <b>ProteinLength</b>    | 36-469 a.a.   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4  |
| <b>Molecular Mass</b>   | The secreted recombinant neuraminidase (A/California/04/2009 (H1N1))/Fc chimera is a disulfied-lined homodimer. The reduced monomer comprises 692 amino acids with the predicted molecular mass of 76 kDa. As a result of glycosylation, it migrates as an approximately 95-105 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.   |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.   |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.   |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution.  |

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Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | NA neuraminidase [ Influenza A virus (A/Puerto Rico/8/1934(H1N1)) ] |
| <b>Official Symbol</b> | NA  |
| <b>Gene ID</b>         | 956530  |
| <b>Protein Refseq</b>  | NP_040981   |

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