



# Recombinant IAV H1N1 (A/California/04/2009) Neuraminidase [His] (DAG-H10718)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                         |                                                                                                                                                                                                                                                        |
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| <b>Product Overview</b> | A DNA sequence encoding the Influenza A virus (A/California/04/2009 (H1N1)) neuraminidase (His36-Lys469) was expressed with a vasodilator-stimulated phosphoprotein tetramerization domain at the N-terminus and a polyhistidine tag at the C-terminus |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE                                                                                                                                                                                                                        |
| <b>Conjugate</b>        | His                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | Immunoassays                                                                                                                                                                                                                                           |
| <b>Molecular Weight</b> | 58.7 kDa                                                                                                                                                                                                                                               |
| <b>Format</b>           | Lyophilized                                                                                                                                                                                                                                            |
| <b>Size</b>             | 100 µg                                                                                                                                                                                                                                                 |
| <b>Buffer</b>           | Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 10 % glycerol, pH 7.5                                                                                                                                                                                |
| <b>Storage</b>          | Store at -20°C to -80°C                                                                                                                                                                                                                                |
| <b>Ship</b>             | Wet ice                                                                                                                                                                                                                                                |

## BACKGROUND

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Introduction</b> | Influenza A virus causes influenza in birds and some mammals, and is the only species of influenza virus A. Influenza virus A is a genus of the Orthomyxoviridae family of viruses. Strains of all subtypes of influenza A virus have been isolated from wild birds, although disease is uncommon. Some isolates of influenza A virus cause severe disease both in domestic poultry and, rarely, in humans. Occasionally, viruses are transmitted from wild aquatic birds to |
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domestic poultry, and this may cause an outbreak or give rise to human influenza pandemics.

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**Keywords**

Influenza A virus; IAV; IAV H1N1; NA

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## GENE INFORMATION

**UniProt ID**

ACP41107.1

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