



# Recombinant IAV H1N1 (A/Fort Monmouth/1/1947) Hemagglutinin / HA1 Protein [His] (DAG-H10618)

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

## PRODUCT INFORMATION

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the Influenza A virus (A/Fort Monmouth/1/1947) (H1N1) hemagglutinin (Met1-Arg344), termed as HA1, was expressed with a polyhistidine tag at the C-terminus |
| <b>Purity</b>           | > 95% as determined by SDS-PAGE                                                                                                                                                    |
| <b>Conjugate</b>        | His                                                                                                                                                                                |
| <b>Applications</b>     | Immunoassays                                                                                                                                                                       |
| <b>Molecular Weight</b> | 38.1 kDa                                                                                                                                                                           |
| <b>Format</b>           | Lyophilized                                                                                                                                                                        |
| <b>Size</b>             | 100 µg                                                                                                                                                                             |
| <b>Buffer</b>           | Lyophilized from sterile PBS, pH 7.4                                                                                                                                               |
| <b>Storage</b>          | Store at -20°C to -80°C                                                                                                                                                            |
| <b>Ship</b>             | Wet ice                                                                                                                                                                            |

## BACKGROUND

|                     |                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 domestic poultry, and this may cause an outbreak or give rise to human influenza pandemics.

---

|                 |                                       |
|-----------------|---------------------------------------|
| <b>Keywords</b> | Influenza A virus; IAV; IAV H1N1; HA1 |
|-----------------|---------------------------------------|

---