



# Recombinant IAV H3N2 (A/Texas/1/1977) Hemagglutinin / HA1 Protein [His] (DAG- H10588)

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/Texas/1/1977 (H3N2)) hemagglutinin (Met1-Arg345), 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> | 37.8 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 H3N2; HA1 |
|-----------------|---------------------------------------|

---

## GENE INFORMATION

|                   |            |
|-------------------|------------|
| <b>UniProt ID</b> | AAL62329.1 |
|-------------------|------------|

---