



# Recombinant IAV H1N1 (A/Michigan/45/2015) Hemagglutinin / HA1 Protein [His] (DAG- H10633)

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/Michigan/45/2015 (H1N1)) hemagglutinin (Met1-Arg344), termed as HA1, was expressed with a polyhistidine tag at the C-terminus |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE                                                                                                                                                |
| <b>Conjugate</b>        | His                                                                                                                                                                            |
| <b>Applications</b>     | Immunoassays                                                                                                                                                                   |
| <b>Molecular Weight</b> | 37.9 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

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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 |
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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.

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| <b>Keywords</b> | Influenza A virus; IAV; IAV H1N1; HA1 |
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## GENE INFORMATION

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| <b>UniProt ID</b> | EPI859651 |
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