

# Product Information

## **MemDX™ Recombinant Influenza M2 A/HK/156/1997 Membrane Protein in Virus-Like**

### **Particles (MP-VLPs)**

Cat. No.: **MPVLP-045**

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

This product is recombinant Influenza M2 in VLPs form. This product is produced from mammalian cells by co-expressing the retroviral structural core polyprotein (gag) and the target membrane protein. MP-VLPs display highly-expressed copies of membrane proteins in their native conformation, providing an alternative to membrane protein stable cell lines, membrane preparations, detergent-solubilized proteins and other membrane protein preparation strategies. MP-VLPs can be used for a wide range of applications in antibody production, antibody discovery, antibody characterization, binding assays and functional assays.

### **Product Specifications**

#### **Host Species**

Influenza strain A/HK/156/1997

#### **Target Protein**

Influenza M2

#### **Protein Length**

Full length

#### **Protein Class**

Ion channel; Host-virus interaction

#### **TMD**

1

### **Product Description**

#### **Application**

ELISA; Antibody Production; Antibody Discovery; Antibody Characterization; Binding Assays; Functional Assays

#### **Expression Systems**

HEK293 expression system

#### **Protein Format**

Membrane Protein-Virus Like Particles (MP-VLPs)

#### **Form**

Liquid

#### **Storage**

The product should be stored at -20°C or lower. Avoid freeze-thaw cycles.

## Target

### Target Protein

Influenza M2

### Full Name

Matrix protein 2

### Alternative Names

Influenza matrix protein 2; Influenza M2; Influenza; M2

### Gene ID

[2828679](#)

### UniProt ID

[Q70632](#)