

Product Information

MemDX™ Recombinant Influenza M2 A/Udorn/307/1972 Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **MPVLP-044**

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/Udorn/307/1972

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

[P0DOF8](#)