

# Product Information

## MemDX™ Recombinant Human coronavirus NL63 M Membrane Protein in Virus-Like

### Particles (MP-VLPs)

Cat. No.: **S01YF-0622-KX158**

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

This product is recombinant Human coronavirus NL63 M in VLPs form. This product is produced from HEK293 by co-expressing the retroviral structural core polypeptide (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

Human coronavirus NL63

#### Target Protein

M

#### Protein Length

Full length

#### Protein Class

Virus

#### TMD

3

#### Sequence

MSNSSVPLLEVYVHLRNWNFSWNLILTLFIVVLQYGHYKYSRLLYGLKMSVLWCLWPLVLALSIFDCFVNFNVDWVFFGFSILMSITL

### Product Description

#### Application

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

#### Expression Systems

HEK293 expression system

#### Tag

10xHis tag at the C-terminus

#### Protein Format

## Membrane Protein-Virus Like Particles (MP-VLPs)

### Form

Liquid

### Buffer

PBS, 6% Trehalose, pH 7.4

### Storage

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

## Target

### Target Protein

M

### Full Name

Membrane protein

### Alternative Names

membrane protein; M

### Gene ID

[2943503](#)

### UniProt ID

[Q6Q1R9](#)