

Product Information

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

Particles (MP-VLPs)

Cat. No.: **S01YF-0622-KX160**

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

This product is recombinant Human coronavirus NL63 E in VLPs form. This product is produced from HEK293 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

Human coronavirus NL63

Target Protein

E

Protein Length

Full length

Protein Class

Virus

TMD

1

Sequence

MFLRLIDDNGIVLNSILWLLVMIFFFVLAMTFIKLIQLCFTCHYFFSRTLQPVYKIFLAYQDYMQUIAPVPAEVLNV

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

E

Full Name

Envelope protein

Alternative Names

envelope protein; small membrane protein; E

Gene ID

[2943502](#)

UniProt ID

[Q6Q1S0](#)