

Product Information

MemDX™ Recombinant Escherichia coli mcr1 Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **S01YF-0622-KX97**

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

This product is recombinant Escherichia coli mcr1 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

Escherichia coli

Target Protein

mcr1

Protein Length

Full length

Protein Class

Transferase

TMD

5

Sequence

MMQHSTSVWYRRSVSPFVLVASVAVFLTATANLTFFDKISQTYPIADNLGFVLTIAVVLFGAMLLITLLSSYRYVLKPVLLLLIMGAVTS

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

mcr1

Full Name

Phosphoethanolamine--lipid A transferase MCR-1.1

Gene ID

[66606343](#)

UniProt ID

[A0A0R6L508](#)