

Product Information

MemDX™ Recombinant Chikungunya structural polyprotein Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **MPVLP-046**

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

This product is recombinant Chikungunya structural polyprotein 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

Chikungunya virus

Target Protein

Chikungunya structural polyprotein

Protein Length

Full length

Protein Class

Virus envelope

TMD

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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

Chikungunya structural polyprotein

Full Name

Structural polyprotein

Alternative Names

Chikungunya virus envelope; Chikungunya virus structural polyprotein; CHIKVgp2; CHIKVgp1; CHIKV envelope; CHIKV structural polyprotein; Chikungunya virus; CHIKV

Gene ID

[956308](#)

UniProt ID

[Q8JUX5](#)