

Product Information

MemDX™ Recombinant Human herpesvirus 1 gG Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **S01YF-0622-KX115**

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

This product is recombinant Human herpesvirus 1 gG 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 herpesvirus 1

Target Protein

gG

Protein Length

Full length

Protein Class

Virus

TMD

1

Sequence

VPTNVSSTTQPQLQTTGRPSHEAPNMTQTGTTDSPTAISLTTPDHTPPMPSIGLEEEEEEGAGDGEHLEGGDGTDRDTPQSPGPA

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

gG

Full Name

Envelope glycoprotein G

Alternative Names

envelope glycoprotein G; gD family; US4

Gene ID

[2703404](#)

UniProt ID

[P06484](#)