

Product Information

MemDX™ Recombinant Rhesus macaque GNRHR2 Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **S01YF-0622-KX168**

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

This product is recombinant Rhesus macaque GNRHR2 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

Rhesus macaque

Target Protein

GNRHR2

Protein Length

Full length

Protein Class

GPCR

TMD

7

Sequence

MSAGNGTPWGSAAAGEESWAASGVAVEGSELPTFSAAAKVRVGVTVLVSSAGGNLAVLWSVTRPQPSQLRPSPVRTLFAHLAAATKDISITSI

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**

GNRHR2

Full Name

Gonadotropin releasing hormone receptor 2

Alternative Names

gonadotropin-releasing hormone II receptor; GnRH receptor II; gnRH II receptor; gnRH-II-R; type II GnRH receptor

Gene ID

[574163](#)

UniProt ID

[Q95JG1](#)