

Product Information

MemDX™ Membrane Protein Human PIGY (Phosphatidylinositol glycan anchor biosynthesis class Y) Full Length

Cat. No.: **MPC4599K**

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

This product is a made-to-order Human PIGY membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

PIGY

Protein Length

Full length

Protein Class

Receptor

TMD

2

Sequence

MFLSLPTLTVLIPLVSLAGLFYSASVEENFPQGCTSTASLCFYSLLLPIT
IPVYVFFHLWTWMGIKLFRRHN

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

PIGY

Full Name

Phosphatidylinositol glycan anchor biosynthesis class Y

Introduction

The protein encoded by this gene is part of the GPI-N-acetylglucosaminyltransferase (GIP-GnT) complex which initiates the biosynthesis of glycosylphosphatidylinositol (GPI). GPI is synthesized in the endoplasmic reticulum and serves as an anchor for many surface proteins. Proteins containing GPI anchors can have an important role in cell-cell interactions. The transcript for this gene is bicistronic. The downstream open reading frame encodes this GPI-GnT complex protein, while the upstream open reading frame encodes a protein with unknown function, as represented by GeneID:100996939.

Alternative Names

PIGY; PIG-Y; HPMRS6; phosphatidylinositol N-acetylglucosaminyltransferase subunit Y; phosphatidylinositol-glycan biosynthesis class Y protein; Phosphatidylinositol glycan anchor biosynthesis class Y

Gene ID

[84992](#)

UniProt ID

[Q3MUY2](#)