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Product Information

MemDX™ Membrane Protein Human PIGC (Phosphatidylinositol glycan anchor biosynthesis class C) Full Length

Cat. No.: **MPC4300K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human PIGC 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
PIGC

Protein Length
Full length

Protein Class
Receptor

TMD
8

Sequence
MYAQPVTNTKEVKWQKVLYERQPFPDNYVDRRFLEELRKNIHARKYQYWA
VVFESSVVIQQLCSVCVFVVIWWYMDEGLLAPHWLLGTGLASSLIGYVLF
DLIDGGEGRKKSGQTRWADLKSALVFITFTYGFSPVLKTLTESVSTDTIY
AMSVFMLLGHLIFFDYGANAAIVSSTLSLNMAIFASVCLASRLPRSLHAF
IMVTFAIQIFALWPMLQKKLKACTPRSYVGVTLLFAFSAVGGLLSISAVG
AVLFALLLMSISCLCPFYLIRLQLFKENIHGPWDEAEIKEDLSRFLS

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

PIGC

Full Name

Phosphatidylinositol glycan anchor biosynthesis class C

Introduction

This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI) lipid anchor biosynthesis. The GPI lipid anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. The encoded protein is one subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum. Two alternatively spliced transcripts that encode the same protein have been found for this gene. A pseudogene on chromosome 11 has also been characterized.

Alternative Names

PIGC; GPI2; MRT62; GPIBD16; phosphatidylinositol N-acetylglucosaminyltransferase subunit C; PIG-C; phosphatidylinositol-glycan biosynthesis, class C protein; Phosphatidylinositol glycan anchor biosynthesis class C

Gene ID

5279

UniProt ID

Q92535