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Product Information

MemDX™ Membrane Protein Human PIGL (Phosphatidylinositol glycan anchor biosynthesis class L) Full Length

Cat. No.: **MPC4478K**
This product is for research use only and is not intended for diagnostic use.

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

Protein Length
Full length

Protein Class
Receptor

TMD
1

Sequence
MEAMWLLCVALAVLAWGFLWVWDSSERMKSREQGGRLGAESRTLLVIAHP
DDEAMFFAPTVLGLARLRHWVYLLCFSAGNYYNQGETRKKELLQSCDVLG
IPLSSVMIIDNRDFPDDPGMQWDTEHVARVLLQHIEVNGINLVVTFDAGG
VSGHSNHIALYAAVRALHSEGKLPKGCSVLTLQSVNVLRKYISLLDLPLS
LLHTQDVLFVLNSKEVAQAKKAMSCHRSQLLWFRRLYIIFSRYMRINSLS
FL

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

PIGL

Full Name

Phosphatidylinositol glycan anchor biosynthesis class L

Introduction

This gene encodes an enzyme that catalyzes the second step of glycosylphosphatidylinositol (GPI) biosynthesis, which is the de-N-acetylation of N-acetylglucosaminylphosphatidylinositol (GlcNAc-PI). Study of a similar rat enzyme suggests that this protein localizes to the endoplasmic reticulum.

Alternative Names

PIGL; CHIME; N-acetylglucosaminyl-phosphatidylinositol de-N-acetylase; N-acetylglucosaminylphosphatidylinositol deacetylase; PIG-L; phosphatidylinositol glycan, class L; phosphatidylinositol-glycan biosynthesis class L protein; Phosphatidylinositol glycan anchor biosynthesis class L

Gene ID

9487

UniProt ID

Q9Y2B2