

Product Information

MemDX™ Membrane Protein Human PIGU (Phosphatidylinositol glycan anchor biosynthesis class U) Full Length

Cat. No.: **MPC3549K**

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

This product is a made-to-order Human PIGU 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

PIGU

Protein Length

Full length

Protein Class

Transporter

TMD

9

Sequence

MAAPLVVLVAVTVRAALFRSSLAEFISERVEVVSPLSSWKRVVEGLSL
LDLGVSPYSGAVFHETPLIYLFHFLIDYAELVFMITDALTAIALYFAIQ
DFNKVVFKKQKLLLELDQYAPDVAELIRTPMEMRYIPLKVALFYLLNPYT
ILSCVAKSTCAINNTLIAFFILTTIKGSAFLSAIFLALATYQSLYPLTLF
VPGLLYLLQRQYIPVKMKSKAFWIFSWEYAMMYVGSLLVVIICLSFFLLSS
WDFIPAVYGFILSVPDLTNPNIGLFWYFFAEMFEHFSLLFFVCVFQINVFFY
TIPLAIKLKEHPIFFMFIQIAVIAIFKSYPTVGDVALYMAFFPVWNHLYR
FLRNIFVLTCTIIVCSLLFPVLWHLWIYAGSANSNFFYAITLTFNVGQIL
LISDYFYAFLRREYYLTHGLYLTAKDGTEAMLVLK

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**

PIGU

Full Name

Phosphatidylinositol glycan anchor biosynthesis class U

Introduction

The protein encoded by this gene shares similarity with *Saccharomyces cerevisiae* Cdc91, a predicted integral membrane protein that may function in cell division control. The protein encoded by this gene is the fifth subunit of GPI transamidase that attaches GPI-anchors to proteins.

Alternative Names

PIGU; GAB1; NEDBSS; CDC91L1; GPIBD21; phosphatidylinositol glycan anchor biosynthesis class U protein; CDC91 (cell division cycle 91, *S. cerevisiae*, homolog)-like 1; GPI transamidase component PIG-U; GPI transamidase subunit; cell division cycle 91-like 1 protein; cell division cycle protein 91-like 1; protein CDC91-like 1; Phosphatidylinositol glycan anchor biosynthesis class U

Gene ID

[128869](#)

UniProt ID

[Q9H490](#)