

Product Information

MemDX™ Membrane Protein Human PIGS (Phosphatidylinositol glycan anchor biosynthesis class S) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX1910K**

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

This product is a Human PIGS membrane protein expressed *in vitro* E.coli expression system. 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

PIGS

Protein Length

Full Length of Mature Protein

Protein Class

Receptor

TMD

2

Sequence

AAAGAAATHLEVARGKRAALFFAAVAIVLGLPLWWKTTETYRASLPYSQISGLNALQLRLMVPVTVVFTRESVPLDDQEKLPFTVVH

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

PIGS

Full Name

Phosphatidylinositol glycan anchor biosynthesis class S

Introduction

This gene encodes a protein that is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins.

Alternative Names

PIGS; DEE95; GPIBD18; GPI transamidase component PIG-S; GPI transamidase subunit; phosphatidylinositol glycan, class S; phosphatidylinositol-glycan biosynthesis class S protein; Phosphatidylinositol glycan anchor biosynthesis class S

Gene ID

[94005](#)

UniProt ID

[Q96S52](#)