

Product Information

MemDX™ Membrane Protein Human PTGIR (Prostaglandin I2 receptor) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3508K**

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

This product is a Human PTGIR 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

PTGIR

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MADSCRNLTYVRGSVGPATSTLMFVAGVVGNGLALGILSARRPARPSAFAVLVTGLAATDLLGTSFLSPAVFVAYARNSSLLGLARQ

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

PTGIR

Full Name

Prostaglandin I2 receptor

Introduction

The protein encoded by this gene is a member of the G-protein coupled receptor family 1 and has been shown to be a receptor for prostacyclin. Prostacyclin, the major product of cyclooxygenase in macrovascular endothelium, elicits a potent vasodilation and inhibition of platelet aggregation through binding to this receptor.

Alternative Names

PTGIR; IP; PRIPR; PGI receptor; PGI2 receptor; prostaglandin I2 (prostacyclin) receptor (IP); prostanoid IP receptor; Prostaglandin I2 receptor

Gene ID

[5739](#)

UniProt ID

[P43119](#)