

Product Information

MemDX™ Membrane Protein Human PTGIR (Prostaglandin I2 receptor) for Antibody

Discovery

Cat. No.: **MP1061X**

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

This product is a 67.4 kDa Human PTGIR membrane protein expressed in *in vitro* wheat germ 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

Molecular Weight

67.4 kDa

TMD

7

Sequence

MADSCRNLTYVRGSVGPATSTLMFVAGVVGNGLALGILSARRPARPSAFAVLVTGLAATDLLGTSFLSPAVFVAYARNSSLLGLARQ

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

Store at +4°C for up to one week or several months at -80°C

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

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

Gene ID

[5739](#)

UniProt ID

[P43119](#)