

Product Information

NativeExtract™ Human PTGIR Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX66**

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

This product is recombinant Human PTGIR protein in native nanodisc form. The synthetic compound we developed can solubilize the PTGIR protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

PTGIR

Protein Length

Full length

Molecular Weight

41kDa

Sequence

Accession # [P43119](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -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

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

Gene ID

[5739](#)

UniProt ID

[P43119](#)