

Recombinant Human PTGIR

Cat. No. PTGIR-31205TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Prostaglandin I2 Receptor (aa 296-386) with N-terminal proprietary tag, 35.64 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	91 amino acids
Description	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.
Molecular Weight	35.640kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids RKAVFQRLKLWVCCCLCLGPAHGDSQTPLSQLASGRRDPRAPSPVVGKEGSCVPLS
AWGEGQVEPLPPTQQSSGSAVGTSSKAEASVACSLC

Sequence Similarities Belongs to the G-protein coupled receptor 1 family.

GENE INFORMATION

Gene Name PTGIR prostaglandin I2 (prostacyclin) receptor (IP) [Homo sapiens]

Official Symbol PTGIR

Synonyms PTGIR; prostaglandin I2 (prostacyclin) receptor (IP); prostacyclin receptor; IP;

Gene ID 5739

mRNA Refseq NM_000960

Protein Refseq NP_000951

MIM 600022

Uniprot ID P43119

Chromosome Location 19q13.3

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Eicosanoid ligand-binding receptors, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

G-protein coupled receptor activity; guanyl-nucleotide exchange factor activity; receptor activity; signal transducer activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA