

Proteoliposomes

Full-Length

PTGIR (Human) Recombinant Protein

Catalog # H00005739-G01

Size 2 ug

Specification

Product Description	Human PTGIR full-length ORF (NP_000951.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MADSCRNLTYVRGSVGPATSTLMFVAGVVGNGLALGILSARRPARPSAFAVLVTGLAATDLLGTS FLSPA VFVAYARNSSLLGLARGGPALCDAFAMTFFGLASMLIFAMAVRCLALSHPYLYAQL DGPRCARLALPAIYAFCVLFCALPLLGLGQHQQYCPGWCFLMRWAQPGGAAFSLAYAGLVAL LVAAIFLCNGSVTLSLCRMVYRQKQKHQGSGLGPRPRTGEDEVHLLALMTVVMVAVCSLPLTIRCF TQAVAPDSSSEMGDLLAFRFYAFNPILDPWVFILFRKAVFQRLKLWCCCLCLGPAHGDSQTPLS QLASGRDRDPRAPSAPVGKEGSCVPLSAWGEQVEPLPPTQSSSGSAVGTSSKAEASVACSLC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41
Interspecies Antigen Sequence	Mouse (79); Rat (79)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — PTGIR

Entrez GeneID	5739
GeneBank Accession#	NM_000960.3
Protein Accession#	NP_000951.1
Gene Name	PTGIR
Gene Alias	IP, MGC102830, PRIPR
Gene Description	prostaglandin I2 (prostacyclin) receptor (IP)
Omim ID	600022
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	PGI receptor prostacyclin receptor prostanoid IP receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Hyperplasia](#)
- [Metabolic Syndrome X](#)
- [NARP](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Venous Thrombosis](#)