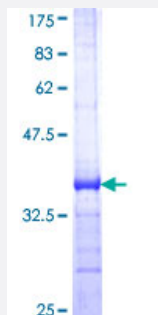


PTGIR (Human) Recombinant Protein (Q01)

Catalog # H00005739-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PTGIR partial ORF (NP_000951, 296 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RKAVFQRLKLWVCCLCLGPAHGDSQTPLSQLASGRRDPRAPSAPVGKEGSCVPLSAWGEGQV EPLPPTQQSSGSAVGTSSKAEASVACSLC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.75
Interspecies Antigen Sequence	Mouse (62); Rat (61)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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

Gene Info — PTGIR

Entrez GeneID [5739](#)

GeneBank Accession# [NM_000960](#)

Protein Accession# [NP_000951](#)

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](#)