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PTGFR Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21723c

Specification

PTGFR Blocking Peptide (Center) - Product Information

Primary Accession P43088

PTGFR Blocking Peptide (Center) - Additional Information

Gene ID 5737

Other Names
Prostaglandin F2-alpha receptor, PGF receptor, PGF2-alpha receptor, Prostanoid FP receptor, PTGFR

Target/Specificity
The synthetic peptide sequence is selected from aa 189-199 of HUMAN PTGFR

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PTGFR Blocking Peptide (Center) - Protein Information

Name PTGFR

Function
Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum (By similarity). Isoforms 2 to 7 do not bind PGF2-alpha but are proposed to modulate signaling by participating in variant receptor complexes; heterodimers between isoform 1 and isoform 5 are proposed to be a receptor for prostamides including the synthetic analog bimatoprost.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Eye..

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PTGFR Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

PTGFR Blocking Peptide (Center) - Images

PTGFR Blocking Peptide (Center) - Background

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PTGFR Blocking Peptide (Center) - References

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