

PTAFR Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP5414b**Specification**

PTAFR Blocking Peptide (C-term) - Product Information

Primary Accession [P25105](#)
Other Accession [NP_001158195.1](#), [NP_000943.1](#),
[NP_001158194.1](#), [NP_001158193.1](#)

PTAFR Blocking Peptide (C-term) - Additional Information

Gene ID 5724

Other Names

Platelet-activating factor receptor, PAF-R, PAFr, PTAFR, PAFR

Target/Specificity

The synthetic peptide sequence is selected from aa 301-312 of HUMAN PTAFR

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.

PTAFR Blocking Peptide (C-term) - Protein Information

Name PTAFR

Synonyms PAFR

Function

Receptor for platelet activating factor, a chemotactic phospholipid mediator that possesses potent inflammatory, smooth-muscle contractile and hypotensive activity. Seems to mediate its action via a G protein that activates a phosphatidylinositol-calcium second messenger system.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed in the placenta, lung, left and right heart ventricles, heart atrium, leukocytes and differentiated HL-60 granulocytes.

PTAFR Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

PTAFR Blocking Peptide (C-term) - Images

PTAFR Blocking Peptide (C-term) - Background

PTAFR shows structural characteristics of the rhodopsin (MIM 180380) gene family and binds platelet-activating factor (PAF). PAF is a phospholipid (1-0-alkyl-2-acetyl-sn-glycero-3-phosphorylcholine) that has been implicated as a mediator in diverse pathologic processes, such as allergy, asthma, septic shock, arterial thrombosis, and inflammatory processes.

PTAFR Blocking Peptide (C-term) - References

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