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RAC2 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21363b

Specification

RAC2 Blocking Peptide (C-term) - Product Information

Primary Accession P15153

RAC2 Blocking Peptide (C-term) - Additional Information

Gene ID 5880

Other Names
Ras-related C3 botulinum toxin substrate 2, GX, Small G protein, p21-Rac2, RAC2

Target/Specificity
The synthetic peptide sequence is selected from aa 178-188 of HUMAN RAC2

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.

RAC2 Blocking Peptide (C-term) - Protein Information

Name RAC2

Function
Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytose of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.

Cellular Location
Cytoplasm. Note=Membrane-associated when activated

Tissue Location
Hematopoietic specific.

RAC2 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

RAC2 Blocking Peptide (C-term) - Images

RAC2 Blocking Peptide (C-term) - Background

Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytose of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.

RAC2 Blocking Peptide (C-term) - References

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