

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, phagocytosis of

RAC2 Blocking Peptide (C-term) - Background

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RAC2 Blocking Peptide (C-term) - References

Didsbury J., et al. J. Biol. Chem. 264:16378-16382(1989).
Puhl H.L. III, et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Collins J.E., et al. Genome Biol. 5:R84.1-R84.11(2004).
Kalline N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Dunham I., et al. Nature 402:489-495(1999).

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Cellular Location

Cytoplasm. Note=Membrane-associated when activated

Tissue Location

Hematopoietic specific.

**RAC2 Blocking Peptide (C-term) -
Protocols**

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

- [Blocking Peptides](#)