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DOCK2 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21150a

Specification

DOCK2 Blocking Peptide (C-term) - Product Information

Primary Accession Q92608

DOCK2 Blocking Peptide (C-term) - Additional Information

Gene ID 1794

Other Names
Dedicator of cytokinesis protein 2, DOCK2, KIAA0209

Target/Specificity
The synthetic peptide sequence is selected from aa 1812-1826 of HUMAN DOCK2

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.

DOCK2 Blocking Peptide (C-term) - Protein Information

Name DOCK2

Synonyms KIAA0209

Function
Involved in cytoskeletal rearrangements required for lymphocyte migration in response of chemokines. Activates RAC1 and RAC2, but not CDC42, by functioning as a guanine nucleotide exchange factor (GEF), which exchanges bound GDP for free GTP. May also participate in IL2 transcriptional activation via the activation of RAC2.

Cellular Location
Endomembrane system; Peripheral membrane protein. Cytoplasm, cytoskeleton. Note=Colocalizes with F-actin

Tissue Location
Specifically expressed in hematopoietic cells. Highly expressed in peripheral blood leukocytes, and expressed at intermediate level in thymus and spleen. Expressed at very low level in the small intestine and colon.

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DOCK2 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

DOCK2 Blocking Peptide (C-term) - Images

DOCK2 Blocking Peptide (C-term) - Background

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DOCK2 Blocking Peptide (C-term) - References

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