

ARHGEF16 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP19783A**Specification**

ARHGEF16 Blocking Peptide (N-term) - Product Information

Primary Accession [Q5VV41](#)
Other Accession [NP_055263.2](#)

ARHGEF16 Blocking Peptide (N-term) - Additional Information

Gene ID 27237

Other Names

Rho guanine nucleotide exchange factor 16, Ephexin-4, ARHGEF16, EPHEXIN4, NBR

Target/Specificity

The synthetic peptide sequence is selected from aa 202-214 of HUMAN ARHGEF16

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.

ARHGEF16 Blocking Peptide (N-term) - Protein Information

Name ARHGEF16

Synonyms EPHEXIN4, NBR

Function

Guanyl-nucleotide exchange factor of the RHOG GTPase stimulating the exchange of RHOG-associated GDP for GTP. May play a role in chemotactic cell migration by mediating the activation of RAC1 by EPHA2. May also activate CDC42 and mediate activation of CDC42 by the viral protein HPV16 E6.

Cellular Location

Cytoplasm.

ARHGEF16 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

ARHGEF16 Blocking Peptide (N-term) - Images

ARHGEF16 Blocking Peptide (N-term) - Background

Although the specific function of this protein is not known yet, it is thought to be involved in protein-protein and protein-lipid interactions.

ARHGEF16 Blocking Peptide (N-term) - References

Hiramoto-Yamaki, N., et al. J. Cell Biol. 190(3):461-477(2010)
Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010)
Barber, M.J., et al. PLoS ONE 5 (3), E9763 (2010) :
Rabizadeh, S., et al. Cytokine Growth Factor Rev. 14 (3-4), 225-239 (2003) :
Salehi, A.H., et al. J. Biol. Chem. 277(50):48043-48050(2002)