

PRKAR2A Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21402b**Specification**

PRKAR2A Blocking Peptide (C-Term) - Product InformationPrimary Accession [P13861](#)**PRKAR2A Blocking Peptide (C-Term) - Additional Information****Gene ID** 5576**Other Names**

cAMP-dependent protein kinase type II-alpha regulatory subunit, PRKAR2A, PKR2, PRKAR2

Target/Specificity

The synthetic peptide sequence is selected from aa 312-326 of HUMAN PRKAR2A

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.

PRKAR2A Blocking Peptide (C-Term) - Protein Information**Name** PRKAR2A**Synonyms** PKR2, PRKAR2**Function**

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells. Type II regulatory chains mediate membrane association by binding to anchoring proteins, including the MAP2 kinase.

Cellular Location

Cytoplasm. Cell membrane. Note=Colocalizes with PJA2 in the cytoplasm and the cell membrane

Tissue Location

Four types of regulatory chains are found: I-alpha, I-beta, II-alpha, and II-beta. Their expression varies among tissues and is in some cases constitutive and in others inducible

PRKAR2A Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)

PRKAR2A Blocking Peptide (C-Term) - Images

PRKAR2A Blocking Peptide (C-Term) - Background

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PRKAR2A Blocking Peptide (C-Term) - References

Oyen O., et al. FEBS Lett. 246:57-64(1989).
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Muzny D.M., et al. Nature 440:1194-1198(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Foss K.B., et al. Biochim. Biophys. Acta 1350:98-108(1997).