

ADCK4 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP7775b

Specification

ADCK4 Blocking Peptide (C-term) - Product Information

Primary Accession

[Q96D53](#)**ADCK4 Blocking Peptide (C-term) - Additional Information**

Gene ID 79934

Other Names

AarF domain-containing protein kinase 4, 2711-, ADCK4

Target/Specificity

The synthetic peptide sequence is selected from aa 456-468 of HUMAN ADCK4

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.

ADCK4 Blocking Peptide (C-term) - Protein InformationName COQ8B ([HGNC:19041](#))**Function**

Atypical kinase involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration (PubMed:24270420). Its substrate specificity is unclear: does not show any protein kinase activity. Probably acts as a small molecule kinase, possibly a lipid kinase that phosphorylates a prenyl lipid in the ubiquinone biosynthesis pathway. Required for podocyte migration (PubMed:24270420).

Cellular Location

Mitochondrion membrane; Single-pass membrane protein. Cytoplasm, cytosol. Cell membrane

Tissue Location

Widely expressed, including renal podocytes.

ADCK4 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

ADCK4 Blocking Peptide (C-term) - Images**ADCK4 Blocking Peptide (C-term) - Background**

This protein may be a protein kinase.

ADCK4 Blocking Peptide (C-term) - References

Strausberg, R.L., Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)