

ADCK1 C-term I493 Blocking Peptide
Synthetic peptide
Catalog # BP7106a**Specification****ADCK1 C-term I493 Blocking Peptide - Product Information**

Primary Accession [Q86TW2](#)

ADCK1 C-term I493 Blocking Peptide - Additional Information

Gene ID 57143

Other Names

Uncharacterized aarF domain-containing protein kinase 1, 2711-, ADCK1

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.

ADCK1 C-term I493 Blocking Peptide - Protein Information

Name ADCK1 {ECO:0000303|PubMed:31125351}

Function

Appears to be essential for maintaining mitochondrial cristae formation and mitochondrial function by acting via YME1L1 in a kinase- independent manner to regulate essential mitochondrial structural proteins OPA1 and IMM1 (PubMed:31125351). The action of this enzyme is not yet clear (Probable). It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr) (Probable).

Cellular Location

Mitochondrion.

ADCK1 C-term I493 Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ADCK1 C-term I493 Blocking Peptide - Images

ADCK1 C-term I493 Blocking Peptide - References

Manning, G., et al., Science 298(5600):1912-1934 (2002).