

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

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**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 IMMT (PubMed:<a href="http://www.uniprot.org/citations/31125351" target="\_blank">31125351</a>). 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).