



#### **NEK10 Blocking Peptide (Center)**

Synthetic peptide Catalog # BP21574c

### **Specification**

**NEK10 Blocking Peptide (Center) - Product Information** 

Primary Accession <u>Q6ZWH5</u>

NEK10 Blocking Peptide (Center) - Additional Information

**Gene ID 152110** 

#### **Other Names**

Serine/threonine-protein kinase Nek10, Never in mitosis A-related kinase 10, NimA-related protein kinase 10, NEK10

#### Target/Specificity

The synthetic peptide sequence is selected from aa 450-463 of HUMAN NEK10

#### **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.

**NEK10** Blocking Peptide (Center) - Protein Information

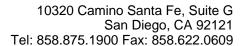
Name NEK10 (<u>HGNC:18592</u>)

#### **Function**

Plays a role in the cellular response to UV irradiation. Mediates G2/M cell cycle arrest, MEK autoactivation and ERK1/2- signaling pathway activation in response to UV irradiation. In ciliated cells of airways, it is

## NEK10 Blocking Peptide (Center) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004). Li H.,et al.Submitted (JUN-2005) 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. Bechtel S.,et al.BMC Genomics 8:399-399(2007).





involved in the regulation of mucociliary transport (PubMed:<a href="http://www.uniprot.org/citations/31959991" target="\_blank">31959991</a>).

**Tissue Location** Expressed in the lung.

# NEK10 Blocking Peptide (Center) - Protocols

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

• Blocking Peptides