

**NEK10 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21574c****Specification**

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**NEK10 Blocking Peptide (Center) - Product Information**Primary Accession [Q6ZWH5](#)**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 ([HGNC:18592](#))**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](#)