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NEK10 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21574c

Specification

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 involved in the regulation of mucociliary transport (PubMed:31959991).

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

NEK10 Blocking Peptide (Center) - Images

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).