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NUP93 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP22063a

Specification

NUP93 Blocking Peptide (N-Term) - Product Information

Primary Accession	Q8N1F7
Other Accession	A5PJZ5, Q8BJ71, Q66HC5

NUP93 Blocking Peptide (N-Term) - Additional Information

Gene ID 9688

Other Names
Nuclear pore complex protein Nup93, 93 kDa nucleoporin, Nucleoporin Nup93, NUP93, KIAA0095

Target/Specificity
The synthetic peptide sequence is selected from aa 40-54 of HUMAN NUP93

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.

NUP93 Blocking Peptide (N-Term) - Protein Information

Name NUP93

Synonyms KIAA0095

Function
Plays a role in the nuclear pore complex

NUP93 Blocking Peptide (N-Term) - Background

Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance. May anchor nucleoporins, but not NUP153 and TPR, to the NPC.

NUP93 Blocking Peptide (N-Term) - References

Nagase T.,et al.DNA Res. 2:37-43(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Martin J.,et al.Nature 432:988-994(2004).
Grandi P.,et al.Mol. Biol. Cell 8:2017-2038(1997).
Hase M.E.,et al.Mol. Biol. Cell 14:1923-1940(2003).

(NPC) assembly and/or maintenance (PubMed:9348540). May anchor nucleoporins, but not NUP153 and TPR, to the NPC. During renal development, regulates podocyte migration and proliferation through SMAD4 signaling (PubMed:26878725).

Cellular Location
Nucleus membrane {ECO:0000250|UniProtKB:Q66HC5}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q66HC5}. Nucleus, nuclear pore complex. Nucleus envelope Note=Localizes at the nuclear basket and at or near the nuclear entry to the gated channel of the pore.

NUP93 Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides