

**NUP93 Blocking Peptide (C-Term)**  
**Synthetic peptide**  
**Catalog # BP22019b****Specification****NUP93 Blocking Peptide (C-Term) - Product Information**

Primary Accession [Q8N1F7](#)  
Other Accession [Q5R822](#)

**NUP93 Blocking Peptide (C-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 772-782 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 (C-Term) - Protein Information**

**Name** NUP93

**Synonyms** KIAA0095

**Function**

Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance

**NUP93 Blocking Peptide (C-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 (C-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).

(PubMed:<a href="http://www.uniprot.org/citations/9348540" target="\_blank">9348540</a>). May anchor nucleoporins, but not NUP153 and TPR, to the NPC. During renal development, regulates podocyte migration and proliferation through SMAD4 signaling (PubMed:<a href="http://www.uniprot.org/citations/26878725" target="\_blank">26878725</a>).

#### **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 (C-Term) - Protocols**

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

- [Blocking Peptides](#)