

**LRRC19 Blocking Peptide(C-term)**  
**Synthetic peptide**  
**Catalog # BP19872b****Specification**

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**LRRC19 Blocking Peptide(C-term) - Product Information**

Primary Accession [O9H756](#)  
Other Accession [NP\\_075052.1](#)

**LRRC19 Blocking Peptide(C-term) - Additional Information**

**Gene ID** 64922

**Other Names**

Leucine-rich repeat-containing protein 19, LRRC19

**Target/Specificity**

The synthetic peptide sequence is selected from aa 304-318 of HUMAN LRRC19

**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.

**LRRC19 Blocking Peptide(C-term) - Protein Information**

**Name** LRRC19 ([HGNC:23379](#))

**Function**

Pathogen-recognition receptor which mediates the activation of TRAF2- and TRAF6 NF-kappa-B signaling pathways and induces the expression of pro-inflammatory cytokines (PubMed:<a href="http://www.uniprot.org/citations/19679103" target="\_blank">19679103</a>, PubMed:<a href="http://www.uniprot.org/citations/25026888" target="\_blank">25026888</a>). In kidney, prevents infection by uropathogenic bacteria by inducing the production of cytokines, chemokines and antimicrobial substances. In gut, involved in host-microbiota interactions, plays a critical role in promoting the recruitment of immune cells and intestinal inflammation (By similarity).

**Cellular Location**

Membrane; Single-pass type I membrane protein

**Tissue Location**

Expressed in renal collecting duct epithelial cells.

### **LRRC19 Blocking Peptide(C-term) - Protocols**

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

- [Blocking Peptides](#)

### **LRRC19 Blocking Peptide(C-term) - Images**

### **LRRC19 Blocking Peptide(C-term) - Background**

The function of this protein is unknown.

### **LRRC19 Blocking Peptide(C-term) - References**

Chai, L., et al. Biochem. Biophys. Res. Commun. 388(3):543-548(2009)