

**ERVK-21 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP22081c****Specification**

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**ERVK-21 Blocking Peptide (Center) - Product Information**Primary Accession  
Other Accession[P61565](#)  
[O902F9](#), [O42043](#), [O71037](#), [P61566](#), [P61570](#),  
[O9HDB8](#), [O69384](#), [P61567](#), [O902F8](#), [O9UKH3](#),  
[P63135](#)**ERVK-21 Blocking Peptide (Center) - Additional Information****Other Names**

Endogenous retrovirus group K member 21 Env polyprotein, EnvK1 protein, Envelope polyprotein, HERV-K\_12q14.1 provirus ancestral Env polyprotein, Surface protein, SU, Transmembrane protein, TM, ERVK-21

**Target/Specificity**

The synthetic peptide sequence is selected from aa 291-302 of HUMAN ERVK-21

**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.

**ERVK-21 Blocking Peptide (Center) - Protein Information****Name** ERVK-21**Function**

Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. This endogenous envelope protein has lost its original fusogenic properties.

**Cellular Location**

[Transmembrane protein]: Cell membrane; Single-pass type I membrane protein [Endogenous retrovirus group K member 21 Env polyprotein]: Virion

**ERVK-21 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

#### **ERVK-21 Blocking Peptide (Center) - Images**

#### **ERVK-21 Blocking Peptide (Center) - Background**

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#### **ERVK-21 Blocking Peptide (Center) - References**

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de Parseval N.,et al.J. Virol. 77:10414-10422(2003).  
Blaise S.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:13013-13018(2003).  
Wang-Johanning F.,et al.Oncogene 22:1528-1535(2003).