

## ERVK-21 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP22081c

### Specification

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#### ERVK-21 Blocking Peptide (Center) - Product Information

Primary Accession

[P61565](#)

Other Accession

[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**

Scherer S.E., et al. Nature 440:346-351(2006).  
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).