

**VNN1 Blocking Peptide (N-Term)**

Synthetic peptide  
Catalog # BP22056a

**Specification**

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**VNN1 Blocking Peptide (N-Term) - Product Information**

Primary Accession [O95497](#)  
Other Accession [O9TSX8](#), [O9Z0K8](#)

**VNN1 Blocking Peptide (N-Term) - Additional Information**

**Gene ID** 8876

**Other Names**

Pantetheinase, 3.5.1.92, Pantetheine hydrolase, Tiff66, Vascular non-inflammatory molecule 1, Vanin-1, VNN1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 163-175 of HUMAN VNN1

**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.

**VNN1 Blocking Peptide (N-Term) - Protein Information**

**Name** VNN1

**Function**

Amidohydrolase that hydrolyzes specifically one of the carboamide linkages in D-pantetheine thus recycling pantothenic acid (vitamin B5) and releasing cysteamine.

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor

**Tissue Location**

Widely expressed with higher expression in spleen, kidney and blood. Overexpressed in lesional psoriatic skin

**VNN1 Blocking Peptide (N-Term) - Protocols**

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

- [Blocking Peptides](#)

#### **VNN1 Blocking Peptide (N-Term) - Images**

#### **VNN1 Blocking Peptide (N-Term) - Background**

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#### **VNN1 Blocking Peptide (N-Term) - References**

Galland F.,et al.Genomics 53:203-213(1998).  
Prehn S.,et al.Submitted (OCT-1995) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mungall A.J.,et al.Nature 425:805-811(2003).  
Maras B.,et al.FEBS Lett. 461:149-152(1999).