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VNN1 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP22056a

Specification

VNN1 Blocking Peptide (N-Term) - Product Information

Primary Accession	O95497
Other Accession	Q9TSX8, Q9Z0K8

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).