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Datasheet for ABIN7504563

**VNN1 Protein (AA 24-488) (His tag)**

## Overview

Quantity:	100 µg
Target:	VNN1
Protein Characteristics:	AA 24-488
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VNN1 protein is labelled with His tag.

## Product Details

Purpose:	Mouse VNN1 Protein
Sequence:	Leu24-Asn488
Characteristics:	Recombinant Mouse VNN1 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Leu24-Asn488.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	VNN1
Alternative Name:	VNN1 ( <a href="#">VNN1 Products</a> )

## Target Details

Background:	Vanin-1 (VNN1) is anchored to the cellular membrane with pantetheinase activity, which hydrolyzes pantetheine to produce cysteamine. VNN1 can promote oxidative stress and the inflammatory response. Additionally, VNN1 has been confirmed to be overexpressed in cancer tissues of patients with PCAD and can be used as a blood biomarker for the discrimination of PCAD from type 2 diabetes.
Molecular Weight:	53.14 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q9Z0K8</a>
Pathways:	<a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4. Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months