# Mouse VNN1/Vanin-1 (Fc Tag) recombinant protein

Catalog Number: 504020



## **General Information**

## **Gene Name Synonym**

Pantetheine hydrolase; Vascular non-inflammatory molecule 1

## **Protein Construction**

A DNA sequence encoding the mouse VNN1 (Q9Z0K8) (Met 1-Ser 487), without the propeptide, was fused with the Fc region of human IgG1 at the C-terminus.

## **Organism**

Mouse

# **Expression Host**

**Human Cells** 

# **QC Testing**

## **Purity**

> 96 % as determined by SDS-PAGE

## **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

# **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### Predicted N terminal

Leu 22

#### **Molecular Mass**

The secreted recombinant mouse VNN1/Fc is a

disulfide-linked homodimeric protein. The reduced monomer comprises 705 amino acids and has a calculated molecular mass of 79 kDa. As a result of glycosylation, the apparent molecular mass of rmVNN1/Fc monomer is approximately 85-90 kDa in SDS-PAGE under reducing conditions.

## **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

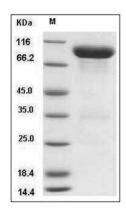
# **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Mouse VNN1 / Vanin-1 Protein (Fc Tag) SDS-PAGE