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Datasheet for ABIN7319305 VNN2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	VNN2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VNN2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human VNN2 Protein (His Tag)
Sequence:	Gln23-Ser492
Characteristics:	Recombinant Human Vascular Non-Inflammatory Molecule 2 is produced by our Mammalian expression system and the target gene encoding Gln23-Ser492 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	VNN2
Alternative Name:	VNN2 (VNN2 Products)
Background:	Background: Vascular Non-Inflammatory Molecule 2 (VNN2) is a member of the CN hydrolase family. The family includes secreted and membrane-associated proteins, a few of which have

Target Details

been reported to participate in hematopoietic cell trafficking. they possess pantetheinase activity, which may play a role in oxidative-stress response. VNN2 is a GPI-anchored cell surface molecule that plays a role in transendothelial migration of neutrophils. VNN2 involved in the thymus homing of bone marrow cells. In addition, VNN2 may regulate beta-2 integrin-mediated cell adhesion, migration and motility of neutrophil.

Synonym: Vascular Non-Inflammatory Molecule 2, Vanin-2, Glycosylphosphatidyl Inositol-Anchored Protein GPI-80, Protein FOAP-4, VNN2

Molecular Weight: 54.2 kDa

UniProt: [O95498](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 7.5.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.