

Vascular Non-Inflammatory Molecule 2 Recombinant Protein | VNN2 recombinant protein

Recombinant Human Vascular Non-Inflammatory Molecule 2 Protein

CATALOG #
AAA174589

HOST
Human Cells

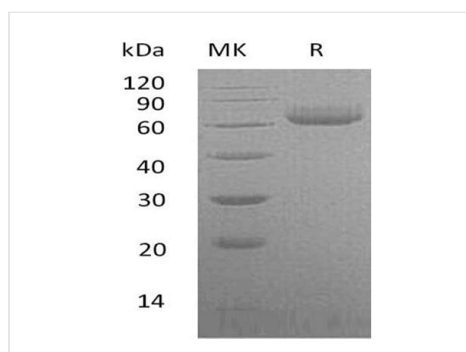
PRODUCT SYNONYMS

Vascular Non-Inflammatory Molecule 2; Recombinant Human Vascular Non-Inflammatory Molecule 2 Protein; Vanin-2; Glycosylphosphatidyl Inositol-Anchored Protein GPI-80; Protein FOAP-4; VNN2; VNN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 mum filtered solution of 20mM TrisHCl, 150mM NaCl, pH 7.5.
Sequence Length	299
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Fragment	Gln23-Ser492
Fusion Tag	C-6His
Preparation and Storage	Lyophilized protein should be stored at < -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for VNN2 recombinant protein	Protein Construction: 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. 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 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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	334278906
NCBI GeneID	8875
NCBI Accession #	NP_001229279.1
NCBI GenBank Nucleotide #	NM_001242350.2
UniProt Accession #	O95498; Q2XUN1; Q9UJF3; A0AUZ3; A6NDY1; A8K4E3; A8K7W0; B2DFZ0; B2DFZ1; B2DFZ2; B2DFZ3; F6XL73
Molecular Weight	Molecular Mass: 54.2kDa Actual Protein Molecular Mass: 68kDa
NCBI Official Full Name	vascular non-inflammatory molecule 2 isoform 3
NCBI Official Synonym Full Names	vanin 2
NCBI Official Symbol	VNN2
NCBI Official Synonym Symbols	FOAP-4; GPI-80
NCBI Protein Information	vascular non-inflammatory molecule 2
UniProt Protein Name	Vascular non-inflammatory molecule 2
UniProt Gene Name	VNN2
UniProt Synonym Gene Names	Vanin-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.