

Recombinant Human VNN2 Protein (His Tag)

Catalog Number:PKSH033354



Note: Centrifuge before opening to ensure complete recovery of vial contents.

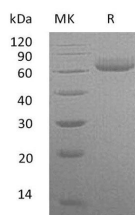
Description

Synonyms	Vascular Non-Inflammatory Molecule 2;Vanin-2;Glycosylphosphatidyl Inositol-Anchored Protein GPI-80;Protein FOAP-4;VNN2
Species	Human
Expression Host	HEK293 Cells
Sequence	Gln23-Ser492
Accession	O95498
Calculated Molecular Weight	54.2 kDa
Observed molecular weight	68 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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