



Recombinant Protein Technical Manual

Recombinant Human VNN2 Protein (His Tag)

RPES2569

Product Data:

Product SKU: RPES2569

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O95498

Protein Information:

Molecular Mass: 54.2 kDa

AP Molecular Mass: 68 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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 TrisHCl, 150mM NaCl, pH 7.5.

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

Application:

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

Immunogen Information:

Sequence: Gln23-Ser492

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.